



## PI 3-Kinase p85β Polyclonal Antibody

| Catalog NoBYab-15055IsotypeIgGReactivityHuman;Mouse;RatApplicationsWB;IHC;IF;ELISAGene NamePIK3R2Protein NamePhosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta) (Phosphatidylinositol 3-kinase 85 kDImmunogenSynthetic peptide from human protein at AA range: 1-60SpecificityThe antibody detects endogenous PI 3-Kinase p85βFormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.DilutionI mg/mlPurity290%Storage Stability-20°C/1 yearSynonymsPhosphatidylinositol 3-kinase regulatory subunit beta,PI3-kinase regulatory subunit p85-beta)DilutionU mg/mlPurity290%Storage Stability<  |                    |  |
|--|--------------------|--|
| Reactivity Human;Mouse;Rat   Applications WB;IHC;IF;ELISA   Gene Name PIK3R2   Protein Name Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta) (PIdIns-3-kinase regulator)   Source Polyclonal, Rabbit,IgG   Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   Dilution IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200   Concentration 1 mg/ml   Purity ≥90%   Storage Stability -20°C/1 year   Synonyms Phosphatidylinositol 3-kinase regulatory subunit beta,PI3-kinase regulatory subunit beta,PI3-kinase subunit beta,PI3-kinase subunit beta,PI3-kinase subunit beta,PI3-kinase subunit beta,PI3-kinase subunit beta,PI3-kinase regulatory subunit beta,PI3-kinase subunit beta,PI3-kinase subunit beta,PI3-kinase subunit beta,PI3-kinase subunit beta,PI3-kinase   | Catalog No         | BYab-15055   |
| Applications   WB;IHC;IF;ELISA     Gene Name   PIK3R2     Protein Name   Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta) (Photnes-3-kinase regulatory su  | Isotype            | lgG  |
| Gene Name     PIK3R2       Protein Name     Pikosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta) (P13K regulatory subunit beta) (P14Ins-3-kinase regulatory subunit beta) (P13K regulatory subunit beta) (P14Ins-3-kinase regulatory subunit beta) (P10sphatidylinositol 3-kinase 85 kD       Immunogen     Synthetic peptide from human protein at AA range: 1-60       Specificity     The antibody detects endogenous PI 3-Kinase p85β       Formulation     Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.       Source     Polyclonal, Rabbit.IgG       Purification     The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.       Dilution     IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200       Concentration     1 mg/ml       Purity     ≥90%       Storage Stability     -20°C/1 year       Synonyms     Phosphatidylinositol 3-kinase regulatory subunit beta;Pt3-kinase regulatory subunit beta;Pt3-kinase subunit beta;Pt3-kinase subunit beta;Pt3-kinase regulatory subunit beta;Pt3-kinase regulatory subunit beta;Pt3-kinase regulatory subunit beta;Pt3-kinase regulatory subunit beta;Pt3-kinase subunit beta;Pt3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;Pt3-kinase subunit beta;Pt3-kinase subunit beta;Pt3-kinase regulatory subunit beta;Pt3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;Pt3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;Pt3-kinase regulatory subu   | Reactivity         | Human;Mouse;Rat  |
| Protein Name     Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta) (Phosphatidylinositol 3-kinase 85 kD       Immunogen     Synthetic peptide from human protein at AA range: 1-60       Specificity     The antibody detects endogenous PI 3-Kinase p85β       Formulation     Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.       Source     Polyclonal, Rabbit,IgG       Purification     The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.       Dilution     IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200       Concentration     1 mg/ml       Purify     ≥90%       Storage Stability     -20°C/1 year       Synonyms     Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta;PI3K regulatory subunit beta;PI3K regulatory subunit beta;PI3K-regulatory subunit beta;PI3K-regulatory subunit beta;PI3K-regulatory subunit beta;PI3K-regulatory subunit beta;PI3K-regulatory subunit beta;PI3-kinase regulatory subunit beta;PI3-kinase regulatory subunit beta;PI3-kinase regulatory subunit beta;PI3-kinase subunit p85-beta;PI4Ins-3-kinase regulatory subunit beta;PI3-kinase subunit p85-beta;PI4Ins-3-kinase regulatory subunit beta;PI3-kinase subunit beta;PI3-kinase regulatory subunit beta;PI  | Applications       | WB;IHC;IF;ELISA  |
| subunit beta) (Pl3K regulatory subunit beta) (Pldms-3-kinase regulatory subunit beta) (Plomsphatidylinositol 3-kinase 85 kD     Immunogen   Synthetic peptide from human protein at AA range: 1-60     Specificity   The antibody detects endogenous Pl 3-Kinase p85β     Formulation   Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.     Source   Polyclonal, Rabbit,IgG     Purification   The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.     Dilution   IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200     Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   Phosphatidylinositol 3-kinase regulatory subunit beta,Pl3-kinase regulatory subunit beta;Pl3K regulatory subunit beta,Pl3-kinase regulatory subunit beta;Pl3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;Pl3-kinase subunit p85-beta;PtdIns-3-kinase complex,   | Gene Name          | PIK3R2   |
| ImmunogenSynthetic peptide from human protein at AA range: 1-60SpecificityThe antibody detects endogenous PI 3-Kinase p85βFormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by<br>affinity-chromatography using epitope-specific immunogen.DilutionIHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsPhosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory<br>subunit beta;PI3K regulatory subunit beta;PI3K-inase regulatory subunit beta;PI3K-inase regulatory subunit beta;PI3K-inase regulatory subunit beta;PI3-kinase<br>subunit p85-beta;Pt0Ins-3-kinase regulatory subunit p85-beta)Observed BandIncleus,cytosol,phosphatidylinositol 3-kinase complex,Tissue SpecificityBrain,Epithelium,Kidney,Placenta,FunctionKunction:Binds to activated (phosphorylated) protein-tyrosine kinases, through its<br>SH2 domain, and acts as an adapter, mediating the association of the p13K p85 subunit<br>ratallytic unit to the plasma membrane, similarity:Contains 1 SH2<br>domain, similarity:Contains 1 SH2<br><th>Protein Name</th> <th>Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory<br/>subunit beta) (PI3K regulatory subunit beta) (PtdIns-3-kinase regulatory subunit<br/>beta) (Phosphatidylinositol 3-kinase 85 kD</th> | Protein Name       | Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory<br>subunit beta) (PI3K regulatory subunit beta) (PtdIns-3-kinase regulatory subunit<br>beta) (Phosphatidylinositol 3-kinase 85 kD   |
| FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by<br>affinity-chromatography using epitope-specific immunogen.DilutionIHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsPhosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory<br>subunit beta;PH3K regulatory subunit beta;Pt3Ins-3-kinase regulatory subunit<br>beta;Phosphatidylinositol 3-kinase regulatory subunit beta;PI3-kinase<br>subunit p85-beta;PtdIns-3-kinase regulatory subunit p85-beta)Observed BandIncleus,cytosol,phosphatidylinositol 3-kinase complex,Functionfunction:Binds to activated (phosphorylated) protein-tyrosine kinases, through its<br>Stal domain, amilarity:Contains 1 RHo-GAP domain, similarity:Centains 1 SH3<br>domain, similarity:Contains 2 SH2 domain, subunit:Heterodimer of a p110   | Immunogen          |  |
| Source   Polyclonal, Rabbit,IgG     Purification   The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.     Dilution   IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200     Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta;PI3K regulatory subunit beta;Pt3Ins-3-kinase regulatory subunit beta;P13-kinase subunit beta;P13K regulatory subunit beta;Pt3-kinase regulatory subunit beta;P13-kinase subunit p85-beta)     Observed Band   Cell Pathway     Tissue Specificity   Brain,Epithelium,Kidney,Placenta,     Function   function:Binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, similarity:Contains 1 SH3 domains, similarity:Contains 1 SH3 domains, similarity:Contains 1 SH3   | Specificity        | The antibody detects endogenous PI 3-Kinase p85β   |
| Purification   The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.     Dilution   IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200     Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta;PI3K regulatory subunit beta;PtdIns-3-kinase regulatory subunit beta;Pl3K regulatory subunit beta;Pl3-kinase subunit p85-beta;Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta;Pl3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit p85-beta;     Observed Band   Cell Pathway     Tissue Specificity   Brain,Epithelium,Kidney,Placenta,     Function   function:Binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, amilarity:Contains 1 Rho-GAP domain, similarity:Contains 1 SH3 domain, similarity:Contains 1 SH2 domain, subunit family, similarity:Contains 1 SH2 domain, subunit family.  | Formulation        | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  |
| affinity-chromatography using epitope-specific immunogen.     Dilution   IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200     Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta;PI3K regulatory subunit beta;PtdIns-3-kinase regulatory subunit beta;Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta;PI3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit p85-beta)     Observed Band   nucleus,cytosol,phosphatidylinositol 3-kinase complex,     Tissue Specificity   Brain,Epithelium,Kidney,Placenta,     Function   function:Binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane, similarity:Contains 1 SH3 domain., similarity:Contains 2 SH2 domains, subunit:Heterodimer of a p110  | Source             | Polyclonal, Rabbit,IgG   |
| Concentration   1 mg/ml     Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   Phosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory subunit beta;PI3K regulatory subunit beta;PtdIns-3-kinase regulatory subunit beta;Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta;PI3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;PI3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;PI3-kinase     Observed Band   Cell Pathway     Tissue Specificity   Brain,Epithelium,Kidney,Placenta,     Function   function:Binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane, similarity:Belongs to the PI3K p85 subunit familysimilarity.contains 1 Rho-GAP domainsimilarity:Contains 2 SH2 domainsimilarity:Contains 2 SH2 domainsimilarity:Contains 2 SH2 domainsimilarity:Contains 2 SH2 domainsimilarity:Contains 1 SH3   | Purification       |  |
| Purity   ≥90%     Storage Stability   -20°C/1 year     Synonyms   Phosphatidylinositol 3-kinase regulatory subunit beta (Pl3-kinase regulatory subunit beta;Pl3K regulatory subunit beta;PtdIns-3-kinase regulatory subunit beta;Pl3-kinase subunit beta;Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta;Pl3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;Pl3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;Pl3-kinase subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;Pl3-kinase     Observed Band   Inucleus,cytosol,phosphatidylinositol 3-kinase complex,     Tissue Specificity   Brain,Epithelium,Kidney,Placenta,     Function   function:Binds to activated (phosphorylated) protein-tyrosine kinases, through its SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane, similarity:Contains 1 SH3 domain., similarity:Contains 1 SH3 domain., similarity:Contains 2 SH2 domains, subunit:Heterodimer of a p110  | Dilution           | IHC-p 1:50-200, ELISA 1:10000-20000. IF 1:50-200   |
| Storage Stability-20°C/1 yearSynonymsPhosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory<br>subunit beta;PI3K regulatory subunit beta;PtdIns-3-kinase regulatory subunit<br>beta;Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta;PI3-kinase<br>subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;PI3-kinase<br>subunit p85-beta;PtdIns-3-kinase regulatory subunit beta;PI3-kinase<br>subunit p85-beta;PtdIns-3-kinase regulatory subunit p85-beta)Observed BandCell PathwayCell Pathwaynucleus,cytosol,phosphatidylinositol 3-kinase complex,Tissue SpecificityBrain,Epithelium,Kidney,Placenta,Functionfunction:Binds to activated (phosphorylated) protein-tyrosine kinases, through its<br>SH2 domain, and acts as an adapter, mediating the association of the p110<br>catalytic unit to the plasma membrane.,similarity:Belongs to the P13K p85 subunit<br>family.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3<br>domain.,similarity:Contains 2 SH2 domain.,similarity:Contains 1 SH3   | Concentration      | 1 mg/ml  |
| SynonymsPhosphatidylinositol 3-kinase regulatory subunit beta (PI3-kinase regulatory<br>subunit beta;PI3K regulatory subunit beta;PtdIns-3-kinase regulatory subunit<br>beta;Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta;PI3-kinase<br>subunit p85-beta;PtdIns-3-kinase regulatory subunit p85-beta)Observed BandCell Pathwaynucleus,cytosol,phosphatidylinositol 3-kinase complex,Tissue SpecificityBrain,Epithelium,Kidney,Placenta,Functionfunction:Binds to activated (phosphorylated) protein-tyrosine kinases, through its<br>SH2 domain, and acts as an adapter, mediating the association of the p110<br>catalytic unit to the plasma membrane.,similarity:Belongs to the PI3K p85 subunit<br>family.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3<br>domain.,similarity:Contains 2 SH2 domains,subunit:Heterodimer of a p110  | Purity             | ≥90%   |
| subunit beta;PI3K regulatory subunit beta;PtdIns-3-kinase regulatory subunit<br>beta;Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta;PI3-kinase<br>subunit p85-beta;PtdIns-3-kinase regulatory subunit p85-beta)Observed BandCell Pathwaynucleus,cytosol,phosphatidylinositol 3-kinase complex,Tissue SpecificityBrain,Epithelium,Kidney,Placenta,Functionfunction:Binds to activated (phosphorylated) protein-tyrosine kinases, through its<br>SH2 domain, and acts as an adapter, mediating the association of the p110<br>catalytic unit to the plasma membrane.,similarity:Belongs to the PI3K p85 subunit<br>family.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3<br>domain.,similarity:Contains 2 SH2 domains.,subunit:Heterodimer of a p110   | Storage Stability  | -20°C/1 year   |
| Cell Pathwaynucleus,cytosol,phosphatidylinositol 3-kinase complex,Tissue SpecificityBrain,Epithelium,Kidney,Placenta,Functionfunction:Binds to activated (phosphorylated) protein-tyrosine kinases, through its<br>SH2 domain, and acts as an adapter, mediating the association of the p110<br>catalytic unit to the plasma membrane.,similarity:Belongs to the PI3K p85 subunit<br>family.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3<br>domain.,similarity:Contains 2 SH2 domains.,subunit:Heterodimer of a p110   | Synonyms           | subunit beta;PI3K regulatory subunit beta;PtdIns-3-kinase regulatory subunit beta;Phosphatidylinositol 3-kinase 85 kDa regulatory subunit beta;PI3-kinase  |
| Tissue SpecificityBrain,Epithelium,Kidney,Placenta,Functionfunction:Binds to activated (phosphorylated) protein-tyrosine kinases, through its<br>SH2 domain, and acts as an adapter, mediating the association of the p110<br>catalytic unit to the plasma membrane.,similarity:Belongs to the PI3K p85 subunit<br>family.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3<br>domain.,similarity:Contains 2 SH2 domains.,subunit:Heterodimer of a p110   | Observed Band      |  |
| <b>Function</b><br>function:Binds to activated (phosphorylated) protein-tyrosine kinases, through its<br>SH2 domain, and acts as an adapter, mediating the association of the p110<br>catalytic unit to the plasma membrane.,similarity:Belongs to the PI3K p85 subunit<br>family.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3<br>domain.,similarity:Contains 2 SH2 domains.,subunit:Heterodimer of a p110   | Cell Pathway       | nucleus, cytosol, phosphatidylinositol 3-kinase complex,   |
| SH2 domain, and acts as an adapter, mediating the association of the p110<br>catalytic unit to the plasma membrane.,similarity:Belongs to the PI3K p85 subunit<br>family.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3<br>domain.,similarity:Contains 2 SH2 domains.,subunit:Heterodimer of a p110  | Tissue Specificity | Brain,Epithelium,Kidney,Placenta,  |
|  | Function           | SH2 domain, and acts as an adapter, mediating the association of the p110 catalytic unit to the plasma membrane.,similarity:Belongs to the PI3K p85 subunit family.,similarity:Contains 1 Rho-GAP domain.,similarity:Contains 1 SH3 domain.,similarity:Contains 2 SH2 domains.,subunit:Heterodimer of a p110 |

## Nanjing BYabscience technology Co.,Ltd



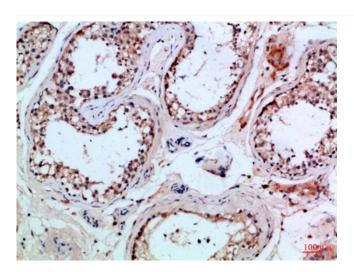
国内优质抗体供应商 精准的 WB 检测服务

24H 在线服务, 欢迎咨询

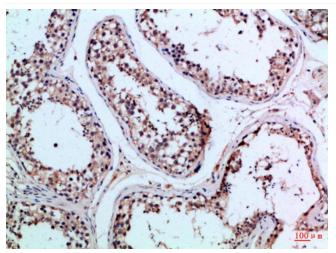


| Phosphatidylinositol 3-kinase (PI3K) is a lipid kinase that phosphorylates<br>phosphatidylinositol and similar compounds, creating second messengers<br>important in growth signaling pathways. PI3K functions as a heterodimer of a<br>regulatory and a catalytic subunit. The protein encoded by this gene is a<br>regulatory component of PI3K. Two transcript variants, one protein coding and the<br>other non-protein coding, have been found for this gene. [provided by RefSeq,<br>Dec 2012], |
|---|
| Avoid repeated freezing and thawing!  |
| This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.   |
|   |

## **Products Images**



Immunohistochemical analysis of paraffin-embedded Human-testis, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human-testis, antibody was diluted at 1:100

Nanjing BYabscience technology Co.,Ltd

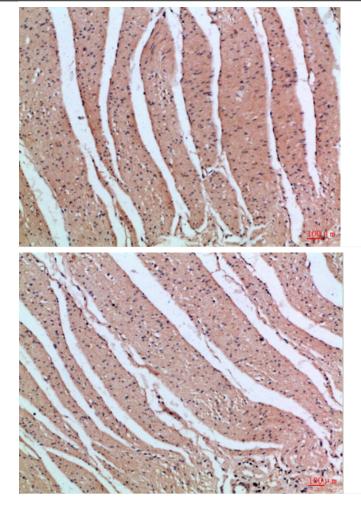
官方热线: 025-5229-8998



国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



Immunohistochemical analysis of paraffin-embedded Human-colon, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded Human-colon, antibody was diluted at 1:100

Nanjing BYabscience technology Co.,Ltd