



GTPBP5 Polyclonal Antibody

| | |
|---------------------------|---|
| Catalog No | BYab-16168 |
| Isotype | IgG |
| Reactivity | Human;Mouse;Rat |
| Applications | IHC;IF;ELISA |
| Gene Name | GTPBP5 |
| Protein Name | GTP-binding protein 5 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human GTPBP5. AA range:71-120 |
| Specificity | GTPBP5 Polyclonal Antibody detects endogenous levels of GTPBP5 protein. |
| 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: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | GTPBP5; OBGH1; GTP-binding protein 5; Protein obg homolog 1; ObgH1 |
| Observed Band | |
| Cell Pathway | Mitochondrion. Mitochondrion inner membrane; Peripheral membrane protein; Matrix side. |
| Tissue Specificity | Muscle,Testis, |
| Function | function:Involved in the ribosome maturation process. Plays a role of GTPase in vitro. When missing, mitochondria elongation and abnormal nuclear morphology are observed.,sequence caution:Translated as Gln.,similarity:Belongs to the GTP1/OBG family., |
| Background | Small G proteins, such as GTPBP5, act as molecular switches that play crucial roles in the regulation of fundamental cellular processes such as protein synthesis, nuclear transport, membrane trafficking, and signal transduction (Hirano et al., 2006 [PubMed 17054726]).[supplied by OMIM, Mar 2008], |

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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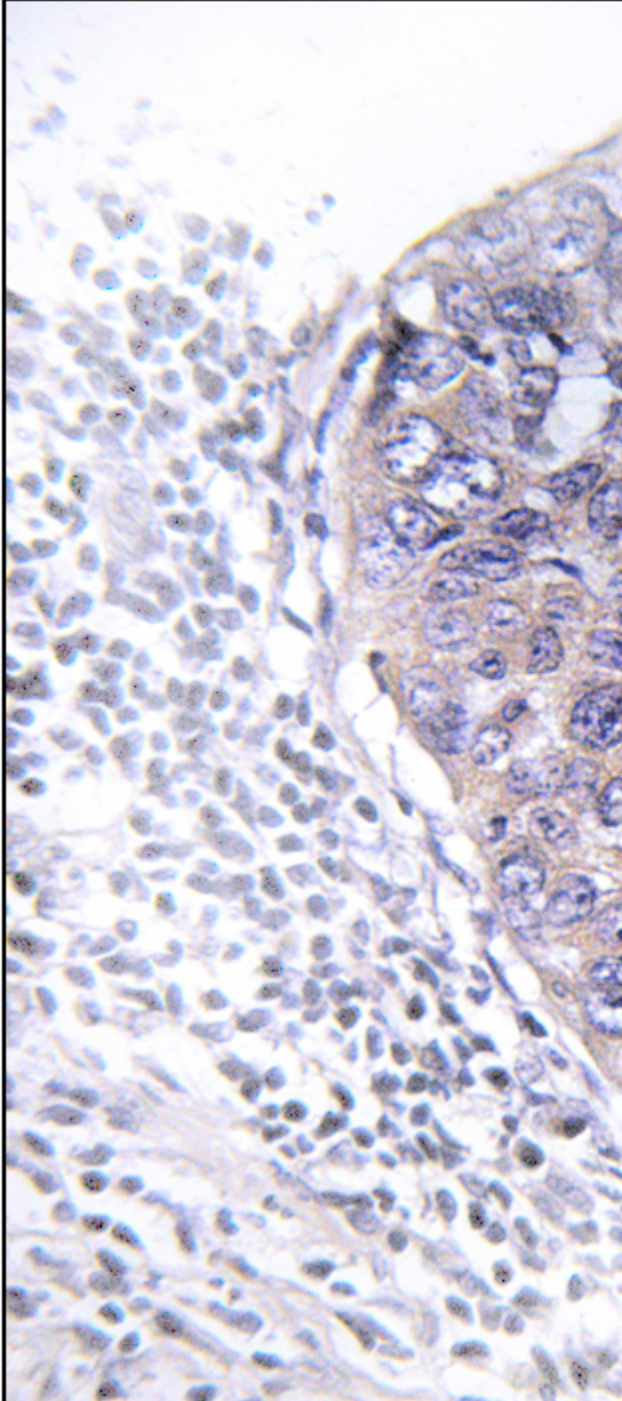
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Products Images



Immunohistochemistry analysis of paraffin-embedded human cervix carcinoma tissue, using GTPBP5 Antibody. The picture on the right is blocked with the synthesized peptide.

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