



Gab 1 (phospho Tyr659) Polyclonal Antibody

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Reactivity Human;Mouse;Rat Applications WB;HC;IF;ELISA Gene Name GAB1 Protein Name GRB2-associated-binding protein 1 Immunogen The antiserum was produced against synthesized peptide derived from human GAB1 around the phosphorylation site of Tyr659. AA range:644-674 Specificity Phospho-Gab 1 (Y659) Polyclonal Antibody detects endogenous levels of Gab 1 protein only when phosphorylated at Y659. 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 Western Blot: 1/500 - 1/2000, Immunohistochemistry: 1/100 - 1/300, Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms GAB1; GRB2-associated-binding protein 1; GRB2-associated binder 1; Growth factor receptor bound protein 2-associated protein 1 Observed Band 76kD Cell Pathway cytosol, Tissue Specificity Testis,Whole embryo, function:Probably involved in EGF and insulin receptor signaling, PTM:Phosphorylated on tyrosine residue(s) by the epidermal growth factor receptor (IGFR) and the insulin receptor (INSR). Tyrosine phosphorylation of GAB1 mediates interaction with several proteins that contain SH2 domains, similarity:Belongs to the GAB amily, similarity.Contains 1 PH domain, subuntil.Interacts with GAB2 and with other SH2-containing proteins.	Catalog No	BYab-03593
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Nanjing BYabscience technology Co.,Ltd



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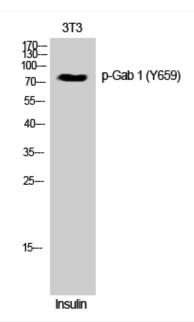


Background	GRB2 associated binding protein 1(GAB1) Homo sapiens The protein encoded by this gene is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008],
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.

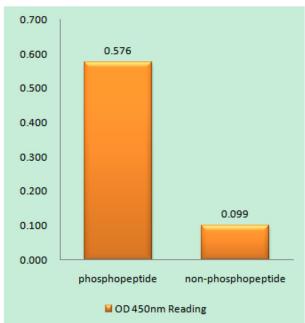




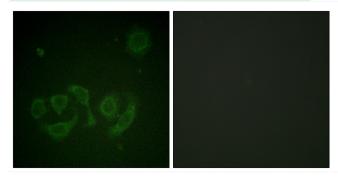
Products Images



Western Blot analysis of 3T3 cells using Phospho-Gab 1 (Y659) Polyclonal Antibody



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using GAB1 (Phospho-Tyr659) Antibody

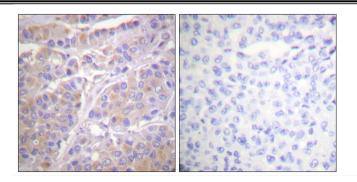


Immunofluorescence analysis of HepG2 cell, using GAB1 (Phospho-Tyr659) Antibody. The lane on the right is blocked with the GAB1 (Phospho-Tyr659) peptide.

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Immunohistochemistry analysis of paraffin-embedded human breast cancer, using GAB1 (Phospho-Tyr659) Antibody. The picture on the right is blocked with the GAB1 (Phospho-Tyr659) peptide.



Western blot analysis of GAB1 (Phospho-Tyr659) Antibody. The lane on the right is blocked with the GAB1 (Phospho-Tyr659) peptide.