



Gab 1 (phospho Tyr659) Monoclonal Antibody

Catalog No	BYmab-03593
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
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) Monoclonal 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	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
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	function:Probably involved in EGF and insulin receptor signaling.,PTM:Phosphorylated on tyrosine residue(s) by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Tyrosine phosphorylation of GAB1 mediates interaction with several proteins that contain SH2 domains.,similarity:Belongs to the GAB family.,similarity:Contains 1 PH domain.,subunit:Interacts with GRB2 and with other SH2-containing proteins. Interacts with phosphorylated LAT2.,
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

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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],

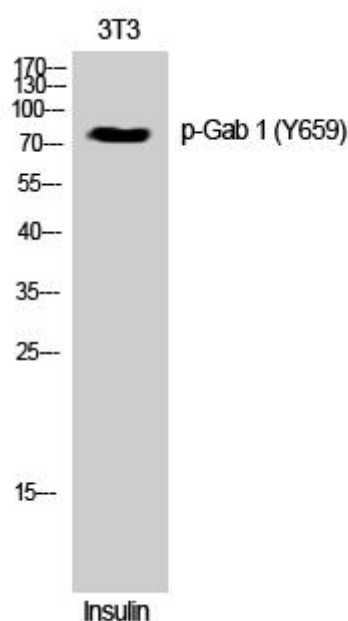
matters needing attention

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 various cells using Gab 1 (phospho Tyr659) Monoclonal Antibody

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