



Gab 2 (phospho Tyr452) Monoclonal Antibody

Catalog No	BYmab-03543
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GAB2
Protein Name	GRB2-associated-binding protein 2
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Gab 2 (phospho Tyr452)
Specificity	Phospho-Gab 2 (Y452) Monoclonal Antibody detects endogenous levels of Gab 2 protein only when phosphorylated at Y452.
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	GAB2; KIAA0571; GRB2-associated-binding protein 2; GRB2-associated binder 2; Growth factor receptor bound protein 2-associated protein 2; pp100
Observed Band	75kD
Cell Pathway	Cytoplasm . Cell membrane .
Tissue Specificity	Brain,Clones donated by Kazusa DNA Research Inst.,
Function	PTM:Dephosphorylated by PTPN11..PTM:Phosphorylated on tyrosine residue(s) by the thrombopoietin receptor (TPOR), stem cell factor receptor (SCFR), and T-cell and B-cell antigen receptors, gp130, IL-2R and IL-3R.,similarity:Belongs to the GAB family.,similarity:Contains 1 PH domain.,subunit:Interacts with GRB2, PI-3 kinase and with other SH2-containing proteins.,
Background	GRB2 associated binding protein 2(GAB2) Homo sapiens This gene is a member of the GRB2-associated binding protein (GAB) gene family. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. They act as adapters for transmitting

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various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. The protein encoded by this gene is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Nov 2009],

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

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