



Gab 2 (phospho Tyr452) Polyclonal Antibody

Catalog No	YP-Ab-03543
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	GAB2
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Gab 2 (phospho Tyr452)
Specificity	Phospho-Gab 2 (Y452) Polyclonal 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	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. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GAB2;GRB2 associated binder 2;KIAA0571;pp100;GRB2-associated-binding protein 2;GRB2-associated binder 2;Growth factor receptor bound protein 2-associated protein 2
Observed Band	74-90 kDa
Calculated Molecular Weight	676 aa, 74 kDa
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 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