

Product Name: Gab 2 (phospho Tyr643) Rabbit Polyclonal Antibody
Catalog #: APRab04720

Summary

Production Name	Gab 2 (phospho Tyr643) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	GAB2
Alternative Names	GAB2; KIAA0571; GRB2-associated-binding protein 2; GRB2-associated binder 2; Growth factor receptor bound protein 2-associated protein 2; pp100
Gene ID	9846.0
SwissProt ID	Q9UQC2.The antiserum was produced against synthesized peptide derived from human Gab2 around the phosphorylation site of Tyr643. AA range:609-658

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000..
Molecular Weight	74kD

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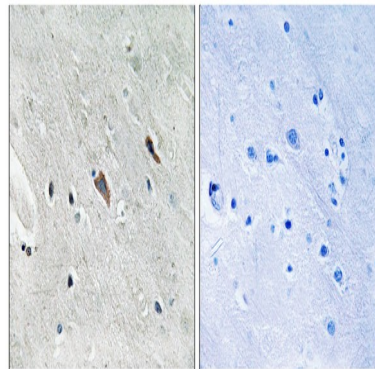
Background

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],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.,

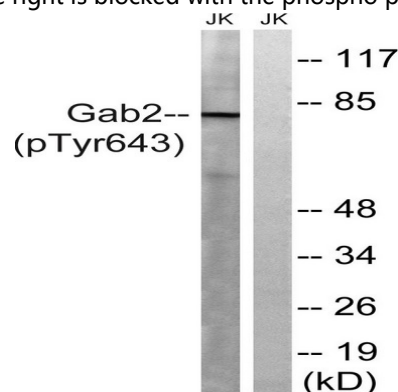
Research Area

Fc epsilon RI;Fc gamma R-mediated phagocytosis;Chronic myeloid leukemia;

Image Data



Immunohistochemistry analysis of paraffin-embedded human brain, using Gab2 (Phospho-Tyr643) Antibody. The picture on the right is blocked with the phospho peptide.





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Western blot analysis of lysates from Jurkat cells treated with IFN 2500U/ML 30', using Gab2 (Phospho-Tyr643) Antibody. The lane on the right is blocked with the phospho peptide.

Note

For research use only.