

Gab2 (Phospho-Tyr452) Antibody

Catalog No: #12139

Package Size: #12139-1 50ul #12139-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

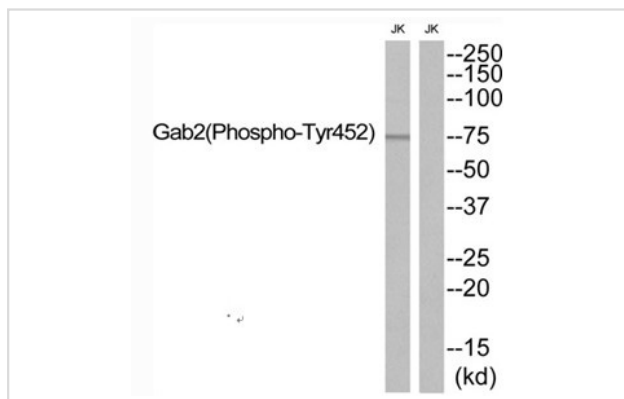
Description

Product Name	Gab2 (Phospho-Tyr452) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of Gab2 only when phosphorylated at Tyr452.
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 452 (D-N-Y(p)-V-P) derived from Human Gab2.
Target Name	Gab2
Modification	Phospho
Other Names	GRB2-associated-binding protein 2 GRB2-associated binder 2 Growth factor receptor bound protein 2-associated protein 2 pp100 GAB2 KIAA0571
Accession No.	Swiss-Prot#:Q9UQC2;NCBI Gene#:9846
Uniprot	Q9UQC2
GeneID	9846;
SDS-PAGE MW	75kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from JK, using Gab2 (Phospho-Tyr452) antibody #12139. The lane on the right is treated with the synthesized peptide.

Background

Adapter protein which acts downstream of several membrane receptors including cytokine, antigen, hormone, cell matrix and growth factor receptors to regulate multiple signaling pathways. Regulates osteoclast differentiation mediating the TNFRSF11A/RANK signaling. In allergic response, it plays a role in mast cells activation and degranulation through PI-3-kinase regulation. Also involved in the regulation of cell proliferation and hematopoiesis.

Note: This product is for in vitro research use only