

Datasheet for ABIN7139008
anti-GAB2 antibody (pTyr452)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	GAB2
Binding Specificity:	pTyr452
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAB2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 452 (D-N-Y(p)-V-P) derived from Human Gab2.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
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

Target Details

Target:	GAB2
Alternative Name:	GAB2 (GAB2 Products)

Target Details

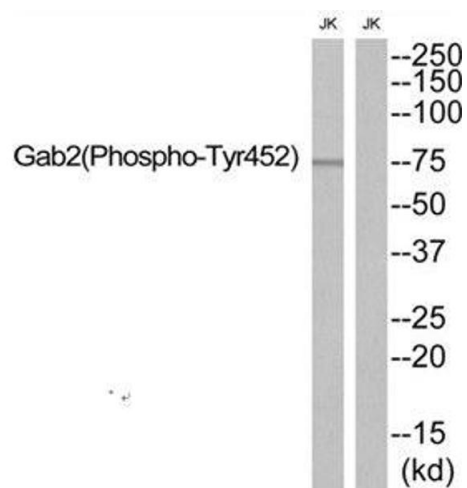
Background:	Background: Adapter protein which acts downstream of several membrane receptors including cytokine, antigen, hormone, cell matrix and growth factor receptors to regulate multiple signaling pathways. Regulates osteoclast differentiation mediating the TNFRSF11A/RANK signaling. In allergic response, 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. Aliases: GAB 2 antibody, Gab2 antibody, GAB2_HUMAN antibody, Grb 2 associated binder 2 antibody, GRB 2 associated binding protein 2 antibody, Grb2 associated binder 2 antibody, GRB2 associated binder 2 pp100 antibody, GRB2 associated binding protein 2 antibody, GRB2-associated binder 2 antibody, GRB2-associated-binding protein 2 antibody, Growth factor receptor bound protein 2 associated protein 2 antibody, Growth factor receptor bound protein 2-associated protein 2 antibody, KIAA0571 antibody, p97 antibody, PH domain containing adaptor molecule p97 antibody, pp100 antibody
UniProt:	Q9UQC2
Pathways:	TCR Signaling , Fc-epsilon Receptor Signaling Pathway , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , BCR Signaling , Warburg Effect

Application Details

Application Notes:	WB:1:500-1:3000,
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from JK, using Gab2 (Phospho-Tyr452) antibody. The lane on the right is treated with the synthesized peptide.