Rabbit Gab1 Polyclonal Antibody | anti-Gab1 antibody

Phospho-Gab1 (Tyr660) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328503	**Rabbit**	**Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Sheep, Rabbit, Dog, Chicken, Xenopus**	**ELISA, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Gab1; Polyclonal Antibody; Phospho-Gab1 (Tyr660) Antibody; Gab 1; GAB1; GAB1_HUMAN; GRB 2 associated binder 1; GRB 2 associated binding protein 1; GRB2 associated binding protein 1 isoform a; GRB2 associated binding protein 1 isoform b; GRB2-associated binder 1; GRB2-associated-binding protein 1; Growth factor receptor bound protein 2-associated protein 1; anti-Gab1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Sheep, Rabbit, Dog, Chicken, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-Gab1 (Tyr660) Antibody detects endogenous levels of Gab1 only when phosphorylated at Tyr660.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	694
Applicable Applications for anti-Gab1 antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Gab1 around the phosphorylation site of Tyr660.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

WB (Western Blot)
Western blot analysis of Phospho-Gab1 (Tyr660) in lysates of NIH-3T3 Insulin 0.01U/ml 15', using Phospho-Gab1 (Tyr660) Antibody.

IHC (Immunohistochemisry)
At 1/100 staining rat lung tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

IHC (Immunohiostchemistry)
At 1/100 staining rat heart tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

IHC (Immunohistochemistry)
At 1/100 staining mouse spleen tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary

ADDITIONAL INFORMATION

Related Product Information for anti-Gab1 antibody	Description: Adapter protein that plays a role in intracellular signaling cascades triggered by activated receptor-type kinases. Plays a role in FGFR1 signaling. Probably involved in signaling by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Post Translational Modifications: Phosphorylated in response to FGFR1 activation. Phosphorylated on tyrosine residue(s) by the epidermal growth factor receptor (EGFR) and the insulin receptor (INSR). Tyrosine phosphorylation of GAB1 mediates interaction with several proteins that contain SH2 domains. Phosphorylated on tyrosine residues by HCK upon IL6 signaling. Subunit Structure: Interacts with GRB2 and with other SH2-containing proteins. Interacts with phosphorylated LAT2. Interacts with PTPRJ. Identified in a complex containing FRS2, GRB2, GAB1, PIK3R1 and SOS1. Interacts (phosphorylated) with PTPN11. Interacts with HCK. Similarity: Belongs to the GAB family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	46370073
NCBI GeneID	2549
NCBI Accession #	NP_002030.2
NCBI GenBank Nucleotide #	NP_002030.2
UniProt Accession #	Q13480
Molecular Weight	Observed: 76.6 kDa Predicted: 77 kDa
NCBI Official Full Name	GRB2-associated-binding protein 1 isoform b
NCBI Official Synonym Full Names	GRB2 associated binding protein 1
NCBI Official Symbol	GAB1
NCBI Official Synonym Symbols	DFNB26
NCBI Protein Information	GRB2-associated-binding protein 1
UniProt Protein Name	GRB2-associated-binding protein 1
UniProt Gene Name	**GAB1**
UniProt Entry Name	GAB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/gab1-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/328503