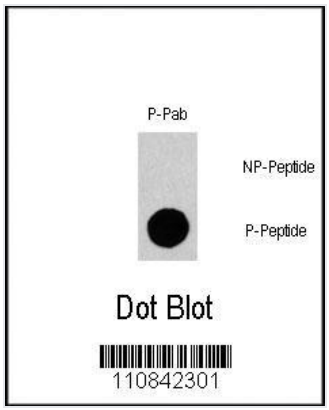
GAB1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Gab1, Polyclonal Antibody
Full Product Name	Gab1, Phosphorylated (Tyr659) (GRB2-associated Binder Protein 1, Growth Factor Receptor Bound Protein 2-associated Protein 1, GRB2-associated Binder 1) (AP)
Product Gene Name	anti-Gab1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified by Immunoaffinity chromatography.
Specificity	Recognizes human Gab1 when phosphorylated at Tyr659.
Preparation and Storage	May be stored at 4 degree C for short-term only. Do not freeze alkaline phosphatase conjugates which could result in a substantial loss of enzymatic activity. Light sensitive. Aliquots are stable for at least 6 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	80,005 Da
OMIM	604439
3D Structure	ModBase 3D Structure for Q13480
Immunogen	Synthetic phosphopeptide corresponding to amino acid residues surrounding Tyr659 of human Gab1 (KLH).
Conjugate	AP
Antigen Modification	Phosphorylated
Note	Preservative Free
Product Categories/Family for anti-Gab1 antibody	Antibodies; Apoptosis
Applications Tested/Suitable for anti-Gab1 antibody	ELISA (EIA), Dot Blot (DB)
Application Notes for anti-Gab1 antibody	ELISA: 1:1,000 Dot Blot: 1:100-1:500 Applications are based on unconjugated antibody.
Related Product Information for anti-Gab1 antibody	MBS6477271 is an antibody targeting Gab1. Also known as Gab1, Phosphorylated (Tyr659) (GRB2-associated Binder Protein 1, Growth Factor Receptor Bound Protein 2-associated Protein 1, GRB2-associated Binder 1) (AP). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-Gab1 antibody	1. Podar, K., et al., J. Biol. Chem. 279(20):21658-21665 (2004). 2. Ren, Y., et al., J. Biol. Chem. 279(9):8497-8505 (2004). 3. Kapoor, G.S., et al., Mol. Cell. Biol. 24(2):823-836 (2004). 4. Nakaoka, Y., et al., Circ. Res. 93(3):221-229 (2003). 5. Holgado-Madruga, M., et al., Mol. Cell. Biol. 23(13):4471-4484 (2003).
Other Notes	Small volumes of anti-Gab1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Dot Blot (DB) of anti-Gab1 antibody
Dot blot analysis of Phospho-Gab1-Y659 polyclonal antibody on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentration were 0.5ug per ml.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Gab1. It may not necessarily be applicable to this product.

NCBI GI #	46370073
NCBI GeneID	2549
NCBI Accession #	NP_002030
UniProt Primary Accession #	Q13480
UniProt Secondary Accession #	Q4W5G2; Q6P1W2; A8K152
UniProt Related Accession #	Q13480
GenBank Nucleotide #	NM_002039
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
UniProt Protein Name	GRB2-associated-binding protein 1
UniProt Synonym Protein Names	GRB2-associated binder 1; Growth factor receptor bound protein 2-associated protein 1
Protein Family	GPI transamidase component
UniProt Gene Name	GAB1
UniProt Entry Name	GAB1_HUMAN
NCBI Protein Information	GRB2-associated-binding protein 1; GRB2-associated binder 1; growth factor receptor bound protein 2-associated protein 1
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