GAB 1 Antibody – Polyclonal

PRODUCT OVERVIEW

Product Name	Gab 1, Polyclonal Antibody
Full Product Name	Gab 1 Polyclonal Antibody
Product Gene Name	anti-Gab 1 antibody
Clonality	Polyclonal
Molecular Weight	80,005 Da
OMIM	604439
3D Structure	ModBase 3D Structure for Q13480
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-Gab 1 antibody	MBS8522792 is an antibody targeting Gab 1. Also known as Gab 1 Polyclonal Antibody.
Other Notes	Small volumes of anti-Gab 1 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Gab 1. It may not necessarily be applicable to this product.

NCBI GI #	46370073
NCBI GeneID	2549
NCBI Accession #	NP_002030.2
UniProt Primary Accession #	Q13480
UniProt Secondary Accession #	Q4W5G2; Q6P1W2; A8K152
UniProt Related Accession #	Q13480
GenBank Nucleotide #	NM_002039.3
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
UniProt Gene Name	GAB1
NCBI Protein Information	GRB2-associated-binding protein 1
NCBI Summary for Gab 1	The protein encoded by this gene is a member of the IRS1-like multisubstrate docking protein family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

UniProt Comments for Gab 1	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).
Research Articles on Gab 1	**1.** onstitutive Gab1-dependent signalling in Jak2-V617F-expressing cells does not occur due to the constitutive association of Gab1 with PIP3 at the plasma membrane.
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