TRIB1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRIB1, Polyclonal Antibody
Full Product Name	TRIB1 Rabbit pAb
Product Gene Name	anti-TRIB1 antibody
Product Synonym Names	C8FW; GIG2; TRB1; GIG-2; SKIP1; TRB-1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	38kDa
OMIM	609461
3D Structure	ModBase 3D Structure for Q96RU8
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 203-372 of human TRIB1 (NP_079471.1).
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-TRIB1 antibody	Western Blot (WB)
Application Notes for anti-TRIB1 antibody	WB: 1:1000-1:4000
Related Product Information for anti-TRIB1 antibody	Adapter protein involved in protein degradation by interacting with RFWD2/COP1 ubiquitin ligase (PubMed:27041596). The RFWD2-binding motif is masked by autoinhibitory interactions with the protein kinase domain (PubMed:26455797). Serves to alter RFWD2 substrate specificity by directing the activity of RFWD2 toward CEBPA (PubMed:27041596). Binds selectively the recognition sequence of CEBPA (PubMed:26455797). Regulates myeloid cell differentiation by altering the expression of CEBPA in a RFWD2-dependent manner. Controls macrophage, eosinophil and neutrophil differentiation via the COP1-binding domain. Interacts with MAPK kinases and regulates activation of MAP kinases, but has no kinase activity (PubMed:15299019, PubMed:26455797).
Other Notes	Small volumes of anti-TRIB1 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.
Searchable Terms for TRIB1 purchase	MBS8547775 is an antibody targeting TRIB1. Also known as TRIB1 Rabbit pAb. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIB1. It may not necessarily be applicable to this product.

NCBI GI #	13399328

NCBI Accession #	NP_079471.1
UniProt Primary Accession #	Q96RU8
GenBank Nucleotide #	NP_079471.1
NCBI Official Full Name	tribbles homolog 1 isoform 1
UniProt Protein Name	Tribbles homolog 1
UniProt Synonym Protein Names	G-protein-coupled receptor-induced gene 2 protein; GIG-2; SKIP1
Protein Family	Tribbles
UniProt Gene Name	TRIB1
UniProt Synonym Gene Names	TRB-1; GIG-2
UniProt Entry Name	TRIB1_HUMAN
UniProt Comments for TRIB1	TRB1: Interacts with MAPK kinases and regulates activation of MAP kinases. May not display kinase activity. Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Tribbles subfamily. Protein type: Protein kinase, Ser/Thr (non-receptor); Kinase, protein; Protein kinase, CAMK; CAMK group; Trbl family Chromosomal Location of Human Ortholog: 8q24.13 Cellular Component: cytoplasm; nucleus Molecular Function: protein kinase inhibitor activity; mitogen-activated protein kinase kinase binding; ubiquitin protein ligase binding; ubiquitin-protein ligase regulator activity; transcription factor binding; ATP binding; protein kinase activity Biological Process: negative regulation of lipopolysaccharide-mediated signaling pathway; negative regulation of smooth muscle cell proliferation; positive regulation of proteasomal ubiquitin-dependent protein catabolic process; regulation of MAP kinase activity; negative regulation of transcription factor activity; JNK cascade; negative regulation of protein kinase activity; response to lipopolysaccharide; negative regulation of smooth muscle cell migration; protein amino acid phosphorylation
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/trib1/8547775