TRIB1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRIB1, Polyclonal Antibody
Full Product Name	TRIB1 Polyclonal Antibody
Product Gene Name	anti-TRIB1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	41kDa
OMIM	AF250310 mRNA
3D Structure	ModBase 3D Structure for Q96RU8
Immunogen	Recombinant protein of human TRIB1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
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	MBS2547565 is an antibody targeting TRIB1. Also known as TRIB1 Polyclonal Antibody. Host: Rabbit.
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.

ADDITIONAL DETAILS

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

NCBI GI #	545477471
NCBI GeneID	10221
NCBI Accession #	NP_001269914.1
UniProt Primary Accession #	Q96RU8
UniProt Secondary Accession #	O15180; Q9H2Y8; B4DMM6; C5HU08
UniProt Related Accession #	Q96RU8
GenBank Nucleotide #	NM_001282985.1
NCBI Official Full Name	tribbles homolog 1 isoform 2
NCBI Official Synonym Full Names	tribbles pseudokinase 1

NCBI Official Symbol	TRIB1
NCBI Official Synonym Symbols	C8FW; GIG2; TRB1; GIG-2; SKIP1; TRB-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
NCBI Protein Information	tribbles homolog 1
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: CAMK group; Kinase, protein; Protein kinase, CAMK; Protein kinase, Ser/Thr (non-receptor); Trbl family Chromosomal Location of Human Ortholog: 8q24.13 Cellular Component: cytoplasm; nucleus Molecular Function: ATP binding; mitogen-activated protein kinase kinase binding; protein binding; protein kinase activity; protein kinase inhibitor activity; transcription factor binding; ubiquitin protein ligase binding; ubiquitin-protein ligase regulator activity Biological Process: JNK cascade; negative regulation of lipopolysaccharide-mediated signaling pathway; negative regulation of protein kinase activity; negative regulation of smooth muscle cell migration; negative regulation of smooth muscle cell proliferation; negative regulation of transcription factor activity; positive regulation of proteasomal ubiquitin-dependent protein catabolic process; protein amino acid phosphorylation; regulation of MAP kinase activity; response to lipopolysaccharide
Research Articles on TRIB1	**1.** the co-operativity observed between MYC and TRIB1 in the absence of PML/RARA show that, outside of acute promyelocytic leukemia, gain of both genes may drive selection for trisomy 8.
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