TRIB1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRIB1, Polyclonal Antibody
Full Product Name	TRIB1, CT (Tribbles Homolog 1, TRB-1, SKIP1, G-protein-coupled Receptor-induced Protein 2, GIG-2, TRIB1, C8FW, GIG2) (MaxLight 750)
Product Gene Name	anti-TRIB1 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 MaxLight750.
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human TRIB1.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	23,473 Da
OMIM	609461
3D Structure	ModBase 3D Structure for Q96RU8
Immunogen	Synthetic peptide selected from the C-terminal region of human TRIB1 (KLH).
Conjugate	MaxLight750
Note	Preservative Free
Product Categories/Family for anti-TRIB1 antibody	Antibodies; G Protein Receptors
Applications Tested/Suitable for anti-TRIB1 antibody	Western Blot (WB), FLISA
Application Notes for anti-TRIB1 antibody	WB: 1:100-1:500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-TRIB1 antibody	MBS6503562 is an antibody targeting TRIB1. Also known as TRIB1, CT (Tribbles Homolog 1, TRB-1, SKIP1, G-protein-coupled Receptor-induced Protein 2, GIG-2, TRIB1, C8FW, GIG2) (MaxLight 750). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-TRIB1 antibody	1. Kiss-Toth, E., et al., J. Biol. Chem. 279(41):42703-42708 (2004). 2. Wu, M., et al., J. Biol. Chem. 278(29):27072-27079 (2003). 3. Wilkin, F., et al., Eur. J. Biochem. 248(3):660-668 (1997).
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 #	13399328
NCBI GeneID	10221
NCBI Accession #	NP_079471
UniProt Primary Accession #	Q96RU8
UniProt Secondary Accession #	O15180; Q9H2Y8; B4DMM6; C5HU08
UniProt Related Accession #	Q96RU8
GenBank Nucleotide #	NM_025195
NCBI Official Full Name	tribbles homolog 1 isoform 1
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
UniProt Entry Name	TRIB1_HUMAN
NCBI Protein Information	tribbles homolog 1; G-protein-coupled receptor induced protein; G-protein-coupled receptor-induced gene 2 protein; G-protein-coupled receptor-induced protein 2; TRIB1; phosphoprotein regulated by mitogenic pathways; tribbles-like protein 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: 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
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