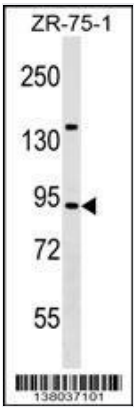
TRAF3IP1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TRAF3IP1, Polyclonal Antibody
Full Product Name	TRAF3IP1, ID (TRAF3IP1, MIPT3, TRAF3-interacting protein 1, Interleukin-13 receptor alpha 1-binding protein 1, Microtubule-interacting protein associated with TRAF3) (PE)
Product Gene Name	anti-TRAF3IP1 antibody
Product Synonym Names	TRAF3IP1; MIPT3; TRAF3-interacting protein 1; Interleukin-13 receptor alpha 1-binding protein 1; Microtubule-interacting protein associated with TRAF3
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 R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
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: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	71,529 Da
OMIM	607380
3D Structure	ModBase 3D Structure for Q8TDR0
Immunogen	TRAF3IP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 395-423 amino acids from the Central region of human TRAF3IP1.
Conjugate	PE
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-TRAF3IP1 antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-TRAF3IP1 antibody	Western Blot (WB), FLISA
Application Notes for anti-TRAF3IP1 antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-TRAF3IP1 antibody	TRAF3IP1 play an inhibitory role on IL13 signaling by binding to IL13RA1. Involved in suppression of IL13-induced STAT6 phosphorylation, transcriptional activity and DNA-binding. Recruits TRAF3 and DISC1 to the microtubules.
Product References and Citations for anti-TRAF3IP1 antibody	Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010): Guo, C.W., et al. Proteomics 10(12):2337-2347(2010). Ross, C.J., et al. Nat. Genet. 41(12):1345-1349(2009). Tomppo, L., et al. Biol. Psychiatry 65(12):1055-1062(2009). Camargo, L.M., et al. Mol. Psychiatry 12(1):74-86(2007).

Other Notes	Small volumes of anti-TRAF3IP1 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 TRAF3IP1 purchase	MBS6357867 is an antibody targeting TRAF3IP1. Also known as TRAF3IP1, ID (TRAF3IP1, MIPT3, TRAF3-interacting protein 1, Interleukin-13 receptor alpha 1-binding protein 1, Microtubule-interacting protein associated with TRAF3) (PE). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-TRAF3IP1 antibody
TRAF3IP1 Antibody (Center) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the TRAF3IP1 antibody detected the TRAF3IP1 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRAF3IP1. It may not necessarily be applicable to this product.

NCBI GI #	20070262
NCBI GeneID	26146
NCBI Accession #	NP_056465.2
UniProt Primary Accession #	Q8TDR0
UniProt Secondary Accession #	Q6PCT1; Q7L8N9; Q9NRD6; Q9Y4Q1
UniProt Related Accession #	Q8TDR0
GenBank Nucleotide #	NM_015650.3
NCBI Official Full Name	TRAF3-interacting protein 1 isoform 1
NCBI Official Synonym Full Names	TRAF3 interacting protein 1
NCBI Official Symbol	TRAF3IP1
NCBI Official Synonym Symbols	IFT54; MIPT3; SLSN9; MIP-T3
UniProt Protein Name	TRAF3-interacting protein 1
UniProt Synonym Protein Names	Interleukin-13 receptor alpha 1-binding protein 1; Microtubule-interacting protein associated with TRAF3
Protein Family	TRAF3-interacting protein
UniProt Gene Name	TRAF3IP1
UniProt Synonym Gene Names	MIPT3; MIP-T3
UniProt Entry Name	MIPT3_HUMAN
NCBI Protein Information	TRAF3-interacting protein 1

UniProt Comments for TRAF3IP1	TRAF3IP1: Plays an inhibitory role on IL13 signaling by binding to IL13RA1. Involved in suppression of IL13-induced STAT6 phosphorylation, transcriptional activity and DNA-binding. Recruits TRAF3 and DISC1 to the microtubules. Belongs to the TRAF3IP1 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Microtubule-binding Chromosomal Location of Human Ortholog: 2q37.3 Cellular Component: centrosome; axoneme; cilium Molecular Function: protein binding; microtubule binding Biological Process: organelle organization and biogenesis; neural tube patterning; intraflagellar transport; embryonic heart tube development; cilium biogenesis; negative regulation of defense response to virus; embryonic digit morphogenesis; embryonic camera-type eye development; negative regulation of interferon-beta production
Research Articles on TRAF3IP1	**1.** Mutations in TRAF3IP1 are identified in patients with nephronophthisis and retinal degeneration. The identified mutations result in mild ciliary defects in patients and reveal a role of IFT54 as a negative regulator of microtubule stability via MAP4.
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.
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