

TRAF3IP1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17861c**Specification**

TRAF3IP1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q8TDR0](#)**TRAF3IP1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 26146**Other Names**

TRAF3-interacting protein 1, Interleukin-13 receptor alpha 1-binding protein 1, Intraflagellar transport protein 54 homolog, Microtubule-interacting protein associated with TRAF3, MIP-T3, TRAF3IP1, IFT54, MIPT3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TRAF3IP1 Antibody (Center) Blocking Peptide - Protein Information**Name** TRAF3IP1**Synonyms** IFT54, MIPT3**Function**

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. Involved in kidney development and epithelial morphogenesis. Involved in the regulation of microtubule cytoskeleton organization. Is a negative regulator of microtubule stability, acting through the control of MAP4 levels (PubMed:26487268). Involved in ciliogenesis (By similarity).

Cellular Location

Cytoplasm, cytoskeleton. Cell projection, cilium. Cytoplasm, cytoskeleton, cilium axoneme {ECO:0000250|UniProtKB:Q149C2}. Cytoplasm, cytoskeleton, cilium basal body {ECO:0000250|UniProtKB:Q149C2}. Note=Microtubules (PubMed:12935900). In the cilium, it is observed at the ciliary base, ciliary transition zone and ciliary tip (PubMed:26487268)

Tissue Location

Ubiquitous..

TRAF3IP1 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TRAF3IP1 Antibody (Center) Blocking Peptide - Images**TRAF3IP1 Antibody (Center) Blocking Peptide - Background**

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.

TRAF3IP1 Antibody (Center) Blocking Peptide - References

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)