

TRAF3IP1 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17861c**Specification**

TRAF3IP1 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q8TDR0
Other Accession	NP_056465.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	78632
Antigen Region	396-423

TRAF3IP1 Antibody (Center) - 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

Target/Specificity

This TRAF3IP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 396-423 amino acids from the Central region of human TRAF3IP1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

TRAF3IP1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

TRAF3IP1 Antibody (Center) - 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)

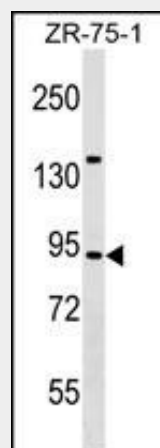
Tissue Location

Ubiquitous..

TRAF3IP1 Antibody (Center) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TRAF3IP1 Antibody (Center) - Images

TRAF3IP1 Antibody (Center) (Cat. #AP17861c) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the TRAF3IP1 antibody detected the TRAF3IP1 protein (arrow).

TRAF3IP1 Antibody (Center) - 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) - 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)
Tomppa, L., et al. Biol. Psychiatry 65(12):1055-1062(2009)
Camargo, L.M., et al. Mol. Psychiatry 12(1):74-86(2007)