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Traf3ip1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13777

Product Information

Application	WB
Primary Accession	Q149C2
Other Accession	NM_028718, NP_082994
Reactivity	Human, Mouse, Rat, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71037

Additional Information

Gene ID	74019
Alias Symbol	3930402D05Rik, AU041749, MIP-T3
Other Names	TRAF3-interacting protein 1, Intraflagellar transport protein 54 homolog, Microtubule-interacting protein associated with TRAF3, MIP-T3, Traf3ip1, Ift54, Mipt3
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Traf3ip1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Traf3ip1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Ift54
Synonyms	Mipt3, Traf3ip1
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 (By similarity). Involved in epithelial morphogenesis and 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 (PubMed:21945076).

Cellular Location	Cytoplasm, cytoskeleton {ECO:0000250|UniProtKB:Q8TDR0}. Cell projection, cilium. Cytoplasm, cytoskeleton, cilium axoneme. Cytoplasm, cytoskeleton, cilium basal body. Note=Microtubules. In the cilium, it is observed at the ciliary base, ciliary transition zone and ciliary tip. {ECO:0000250|UniProtKB:Q8TDR0}

References

Ma B.,et al.Submitted (APR-2004) to the EMBL/GenBank/DDBJ databases.
Carninci P.,et al.Science 309:1559-1563(2005).
Follit J.A.,et al.Cell Motil. Cytoskeleton 66:457-468(2009).

Images



Host: Rabbit
Target Name: Traf3ip1
Sample Tissue: Mouse Testis lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.