

# TRAF3IP1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP51585

## Product Information

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<b>Application</b>	WB, ICC, IHC-P
<b>Primary Accession</b>	<a href="#">Q8TDR0</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	78632

## Additional Information

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<b>Gene ID</b>	26146
<b>Other Names</b>	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
<b>Dilution</b>	WB~1:1000 ICC~N/A IHC-P~N/A
<b>Format</b>	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
<b>Storage</b>	Store at -20 °C. Stable for 12 months from date of receipt

## Protein Information

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<b>Name</b>	TRAF3IP1
<b>Synonyms</b>	IFT54, MIPT3
<b>Function</b>	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: <a href="#">26487268</a> ). Involved in ciliogenesis (By similarity).
<b>Cellular Location</b>	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)
<b>Tissue Location</b>	Ubiquitous..

## Background

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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.

## References

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Ling L.,et al.J. Biol. Chem. 275:23852-23860(2000).  
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