10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# TRAF3IP1 Rabbit pAb

TRAF3IP1 Rabbit pAb
Catalog # AP56594

## Product Information

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| **Application** | IHC-P, IHC-F, IF |
| **Primary Accession** | Q8TDR0 |
| **Predicted** | Rat, Pig, Dog, Human, Mouse, Rabbit, Zebrafish, Chicken, Horse, Sheep |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 78632 |
| **Physical State** | Liquid |
| **Immunogen** | KLH conjugated synthetic peptide derived from human TRAF3IP1 |
| **Epitope Specificity** | 501-600/691 |
| **Isotype** | IgG |
| **Purity** | affinity purified by Protein A |
| **Buffer** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. |
| **SUBCELLULAR LOCATION** | Cytoplasm > cytoskeleton. Microtubules. |
| **Important Note** | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |

## Additional Information

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| **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 |
| **Dilution** | IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000 |
| **Storage** | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |

## Protein Information

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| **Name** | IFT54 ( HGNC:17861) |
| **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. Involved in |

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| | 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.. |

## Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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