# MIP-T3 Antibody – Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | MIP-T3, Polyclonal Antibody |
| **Full Product Name** | MIP-T3 Polyclonal Antibody |
| **Product Gene Name** | anti-MIP-T3 antibody |
| **Clonality** | Polyclonal |
| **Molecular Weight** | 71,529 Da |
| **OMIM** | 607380 |
| **3D Structure** | ModBase 3D Structure for Q8TDR0 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for anti-MIP-T3 antibody** | MBS8523749 is an antibody targeting MIP-T3. Also known as MIP-T3 Polyclonal Antibody. |
| **Other Notes** | Small volumes of anti-MIP-T3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MIP-T3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 213385278 |
| **NCBI GeneID** | 26146 |
| **NCBI Accession #** | NP_001132962.1 |
| **UniProt Primary Accession #** | Q8TDR0 |
| **UniProt Secondary Accession #** | Q6PCT1; Q7L8N9; Q9NRD6; Q9Y4Q1 |
| **UniProt Related Accession #** | Q8TDR0 |
| **GenBank Nucleotide #** | NM_001139490.1 |
| **NCBI Official Full Name** | TRAF3-interacting protein 1 isoform 2 |
| **NCBI Official Synonym Full Names** | TRAF3 interacting protein 1 |
| **NCBI Official Symbol** | TRAF3IP1 |
| **NCBI Official Synonym Symbols** | IFT54; MIPT3; SLSN9; MIP-T3 |
| **UniProt Protein Name** | TRAF3-interacting protein 1 |
| **UniProt Synonym Protein Names** | Interleukin-13 receptor alpha 1-binding protein 1; Intraflagellar transport protein 54 homolog; Microtubule-interacting protein associated with TRAF3; MIP-T3 |
| **UniProt Gene Name** | TRAF3IP1 |
| **UniProt Synonym Gene Names** | IFT54; MIPT3; MIP-T3 |
| **NCBI Protein Information** | TRAF3-interacting protein 1 |

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| **NCBI Summary for MIP-T3** | The protein encoded by this gene interacts with TNF receptor-associated factor 3, tethering it to cytoskeletal microtubules. The encoded protein is also an inhibitor of the innate type I IFN response. Defects in this gene are a cause of Senior-Loken syndrome 9. [provided by RefSeq, Mar 2017] |
| **UniProt Comments for MIP-T3** | 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 (). |
| **Research Articles on MIP-T3** | **1.** Mutations in TRAF3IP1 are identified in patients with nephronophthisis and retinal degeneration. The identified mutations result in mild ciliary defects in patients and reveal a role of IFT54 as a negative regulator of microtubule stability via MAP4. |
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