# TRAPPC3 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | TRAPPC3, Polyclonal Antibody |
| **Full Product Name** | TRAPPC3, NT (TRAPPC3, BET3, Trafficking protein particle complex subunit 3, BET3 homolog) (MaxLight 490) |
| **Product Gene Name** | anti-TRAPPC3 antibody |
| **Product Synonym Names** | TRAPPC3; BET3; Trafficking protein particle complex subunit 3; BET3 homolog |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 22.4 kDa |
| **OMIM** | 610955 |
| **3D Structure** | ModBase 3D Structure for O43617 |
| **Immunogen** | TRAPPC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-54 amino acids from the N-terminal region of human TRAPPC3. |
| **Conjugate** | MaxLight490 |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-TRAPPC3 antibody** | Antibodies; Proteins |
| **Applications Tested/Suitable for anti-TRAPPC3 antibody** | Flow Cytometry (FC/FACS), FLISA, Western Blot (WB) |
| **Application Notes for anti-TRAPPC3 antibody** | FC/FACS: 1:10-50<br>FLISA: 1:1,000<br>WB: 1:100-500<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-TRAPPC3 antibody** | TRAPPC3 is a component of the TRAPP complex, which is involved in tethering of transport vesicles to the cis-Golgi membrane (Turnbull et al., 2005 [PubMed 15692564]).[supplied by OMIM]. |
| **Product References and Citations for anti-TRAPPC3 antibody** | Kummel, D., et al. Proc. Natl. Acad. Sci. U.S.A. 103(34):12701-12706(2006). Kummel, D., et al. J. Mol. Biol. 361(1):22-32(2006). Yu, S., et al. J. Cell Biol. 174(3):359-368(2006). Kim, M.S., et al. Traffic 6(12):1183-1195(2005). Loh, E., et al. J. Cell. Sci. 118 (PT 6), 1209-1222 (2005). |
| **Other Notes** | Small volumes of anti-TRAPPC3 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. |

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| **Searchable Terms for TRAPPC3 purchase** | MBS6357995 is an antibody targeting TRAPPC3. Also known as TRAPPC3, NT (TRAPPC3, BET3, Trafficking protein particle complex subunit 3, BET3 homolog) (MaxLight 490). Reactive in Human. Host: Rabbit. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRAPPC3. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 7656926 |
| **NCBI GeneID** | 27095 |
| **NCBI Accession #** | NP_055223.1 |
| **UniProt Primary Accession #** | O43617 |
| **UniProt Secondary Accession #** | A6NDN0; B2RDN2; D3DPS2 |
| **UniProt Related Accession #** | O43617 |
| **GenBank Nucleotide #** | NM_014408.3 |
| **NCBI Official Full Name** | trafficking protein particle complex subunit 3 isoform 1 |
| **NCBI Official Synonym Full Names** | trafficking protein particle complex 3 |
| **NCBI Official Symbol** | TRAPPC3 |
| **NCBI Official Synonym Symbols** | BET3 |
| **UniProt Protein Name** | Trafficking protein particle complex subunit 3 |
| **UniProt Synonym Protein Names** | BET3 homolog |
| **Protein Family** | Trafficking protein particle complex |
| **UniProt Gene Name** | TRAPPC3 |
| **UniProt Synonym Gene Names** | BET3 |
| **UniProt Entry Name** | TPPC3_HUMAN |
| **NCBI Protein Information** | trafficking protein particle complex subunit 3 |
| **UniProt Comments for TRAPPC3** | TRAPPC3: May play a role in vesicular transport from endoplasmic reticulum to Golgi. Belongs to the TRAPP small subunits family. BET3 subfamily.<br><br>Protein type: Endoplasmic reticulum<br><br>Chromosomal Location of Human Ortholog: 1p34.3<br><br>Cellular Component: Golgi apparatus; endoplasmic reticulum<br><br>Molecular Function: protein binding<br><br>Biological Process: vesicle-mediated transport |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

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