

# Rabbit TRAPPC3 Polyclonal Antibody | anti-TRAPPC3 antibody

TRAPPC3 Antibody (N-term)

| CATALOG # | HOST   | REACTIVITY                            | APPLICATIONS                                          |
|-----------|--------|---------------------------------------|-------------------------------------------------------|
| AAA287320 | Rabbit | Human (Predicted Reactivity: Chicken) | Western Blot, ELISA, Flow Cytometry, Functional Assay |

## PRODUCT SYNONYMS

TRAPPC3; Polyclonal Antibody; TRAPPC3 Antibody (N-term); Trafficking protein particle complex subunit 3; BET3 homolog; BET3; anti-TRAPPC3 antibody

## PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                              |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                                                       |
| Reactivity                                        | Human (Predicted Reactivity: Chicken)                                                                                                                                        |
| Clonality                                         | Polyclonal                                                                                                                                                                   |
| Isotype                                           | Rabbit Ig                                                                                                                                                                    |
| Specificity                                       | This TRAPPC3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-46 amino acids from the N-terminal region of human TRAPPC3.     |
| Purity/Purification                               | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                       | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                     | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                                | 17-46                                                                                                                                                                        |
| Sequence Length                                   | 134                                                                                                                                                                          |
| Applicable Applications for anti-TRAPPC3 antibody | WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)                                                                                                                          |
| Antigen Type                                      | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                    | HUMAN                                                                                                                                                                        |
| Preparation and Storage                           | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

## IMAGES



### FCM/FACS (Flow Cytometry)

TRAPPC3 Antibody (N-term) flow cytometric analysis of HeLa cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### WB (Western Blot)

TRAPPC3 Antibody (N-term) western blot analysis in HeLa cell line lysates (35ug/lane). This demonstrates the TRAPPC3 antibody detected the TRAPPC3 protein (arrow).

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Categories/Family for anti-TRAPPC3 antibody   | Signal Transduction                                                                                                                                                                                                                                                                                       |
| References                                            | Kummel, D., et al. Proc. Natl. Acad. Sci. U.S.A. 103(34):12701-12706(2006)<br>Kummel, D., et al. J. Mol. Biol. 361(1):22-32(2006)<br>Yu, S., et al. J. Cell Biol. 174(3):359-368(2006)<br>Kim, M.S., et al. Traffic 6(12):1183-1195(2005)<br>Loh, E., et al. J. Cell. Sci. 118 (PT 6), 1209-1222 (2005) : |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                             |
|----------------------------------|-----------------------------------------------------------------------------|
| NCBI GI #                        | 401461775                                                                   |
| NCBI GeneID                      | 27095                                                                       |
| NCBI Accession #                 | NP_001257823.1; NP_001257824.1; NP_001257825.1; NP_001257826.1; NP_055223.1 |
| NCBI GenBank Nucleotide #        | NM_001270894.1                                                              |
| UniProt Accession #              | O43617; A6NDN0; B2RDN2; D3DPS2                                              |
| Molecular Weight                 | 20274                                                                       |
| NCBI Official Full Name          | trafficking protein particle complex subunit 3 isoform 2                    |
| NCBI Official Synonym Full Names | trafficking protein particle complex 3                                      |
| NCBI Official Symbol             | TRAPPC3                                                                     |
| NCBI Official Synonym Symbols    | BET3                                                                        |
| NCBI Protein Information         | trafficking protein particle complex subunit 3                              |
| UniProt Protein Name             | Trafficking protein particle complex subunit 3                              |
| UniProt Gene Name                | TRAPPC3                                                                     |
| UniProt Synonym Gene Names       | BET3                                                                        |
| UniProt Entry Name               | TPPC3_HUMAN                                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/trappc3-antibody-western-blot-flow-cytometry-elisa/287320>