

Product datasheet for **TA340172**

EXOC3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-EXOC3 antibody: synthetic peptide directed towards the middle region of human EXOC3. Synthetic peptide located within the following region: LERTVTTRIEGTQADTRES DKMWLVRLHLEIRKYVLDDLIVAKNLMVQCF
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	85 kDa
Gene Name:	exocyst complex component 3
Database Link:	NP_009208 Entrez Gene 11336 Human O60645



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Background:

EXOC3 is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity. The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity.

Synonyms:

SEC6; SEC6L1; Sec6p

Note:

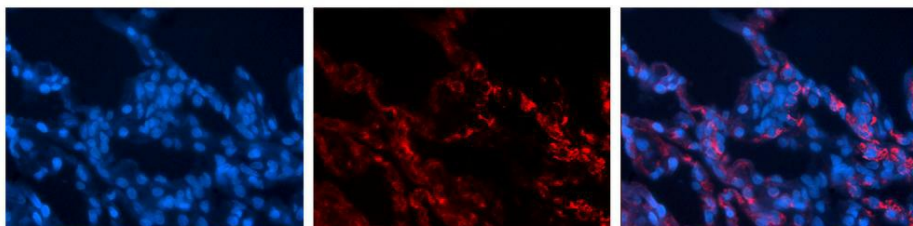
Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 79%

Protein Pathways:

Tight junction

Product images:


WB Suggested Anti-EXOC3 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: HeLa cell lysate EXOC3 is supported by BioGPS gene expression data to be expressed in HeLa



Rabbit Anti-EXOC3 Antibody; Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue; Observed Staining: Cytoplasmic and membrane in alveolar type I cells; Primary Antibody Concentration: 1: 100; Secondary Antibody: Donkey anti-Rabbit-Cy3; Secondary Ant