

Rabbit EXOC3 Polyclonal Antibody | anti-EXOC3 antibody

EXOC3 antibody - middle region

CATALOG # AAA200241	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

EXOC3; Polyclonal Antibody; EXOC3 antibody - middle region; anti-EXOC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LE RTVTTRIEGT QADTRES DKM WLVRHLEIR KYVLDDLIVA KNLMVQCF
Sequence Length	745
Applicable Applications for anti-EXOC3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human EXOC3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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



IHC (Immunohistochemistry)

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 Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-EXOC3 antibody	This is a rabbit polyclonal antibody against EXOC3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-EXOC3 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	31083351
NCBI GeneID	11336
NCBI Accession #	NP_009208
NCBI GenBank Nucleotide #	NM_007277
UniProt Accession #	Q6P2E8; O60645
Molecular Weight	85kDa
NCBI Official Full Name	exocyst complex component 3
NCBI Official Synonym Full Names	exocyst complex component 3
NCBI Official Symbol	EXOC3
NCBI Official Synonym Symbols	SEC6; Sec6p; SEC6L1
NCBI Protein Information	exocyst complex component 3

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/exoc3-antibody-western-blot-immunohistochemistry-elisa/200241>