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Datasheet for ABIN2786600
anti-Sec8 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	Sec8 (EXOC4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Pig, Rabbit, Zebrafish (Danio rerio), Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Sec8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EXOC4
Sequence:	MAAEAAGGKY RSTVSKSKDP SGLLISVIRT LSTSDDEDVDR ENEKGRLEEA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against EXOC4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Sec8 (EXOC4)
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Target Details

Alternative Name: EXOC4 ([EXOC4 Products](#))

Background: The specific function of this protein remains unknown. 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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Alias Symbols: MGC27170, REC8, SEC8, SEC8L1, Sec8p

Protein Interaction Partner: SUMO2, UBC, EXOC2, EXOC7, ATG5, ATG12, BECN1, EXOC8, EGFR, EXOC1, EXOC3, nef, IQCB1, EXOC5, UBD, MYO5A, DTNBP1, CEP63, DISC1, Poc1b, GTF2E2, DLGAP4, DLG3, RALA, GRIN2B, DLG4, MYC,

Protein Size: 473

Molecular Weight: 54 kDa

Gene ID: 60412

NCBI Accession: [NM_001037126](#), [NP_001032203](#)

UniProt: [Q8TAR2](#)

Pathways: [Peptide Hormone Metabolism](#), [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 473 AA

Restrictions: For Research Use only

Handling

Format: Liquid

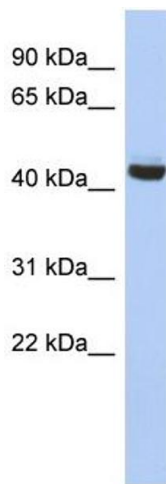
Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Validation report #103654 for Western Blotting (WB)



Western Blotting

Image 1. WB Suggested Anti-EXOC4 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Jurkat cell lysate