

Datasheet for ABIN2784822
anti-EXOC5 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	EXOC5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOC5 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 EXOC5
Sequence:	ATKVCHLGDQ LEGVNTPRQR AVEAQKLMKY FNEFLDGELK SDVFTNSEKI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against EXOC5. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	EXOC5
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Target Details

Alternative Name:	EXOC5 (EXOC5 Products)
Background:	<p>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.</p> <p>Alias Symbols: DKFZp666H126, HSEC10, PRO1912, SEC10, SEC10L1, SEC10P</p> <p>Protein Interaction Partner: HDDC3, TXLNB, CCDC67, TTC23L, FRMD6, BRMS1L, CCDC102B, KXD1, RAB4B, RAB14, TNPO2, PYCARD, EDRF1, C9orf9, TXNL4A, EXOC5, RAB4A, PTK6, OAS1, MAGEA6, ENO2, BARD1, UBC, EGFR, ACTR3B, ADCK1, TBX21, SOX10, ICA1, CDH2, EXOC8, EXOC4, EXOC2, EXOC7, EXOC3, UBD, PRK</p> <p>Protein Size: 708</p>
Molecular Weight:	82 kDa
Gene ID:	10640
NCBI Accession:	NM_006544 , NP_006535
UniProt:	O00471
Pathways:	Peptide Hormone Metabolism , Synaptic Vesicle Exocytosis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 708 AA
Restrictions:	For Research Use only

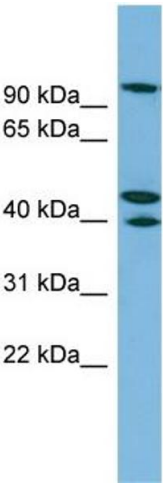
Handling

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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-EXOC5 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: A549 cell lysate