

EXOC6 Rabbit pAb

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Catalog # AP55662

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q8TAG9
Reactivity	Rat, Mouse
Predicted	Pig, Dog, Human, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	93722
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EXOC6
Epitope Specificity	711-804/804
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The product of this gene belongs to the SEC15 family. It is highly similar to the protein encoded by <i>Saccharomyces cerevisiae</i> SEC15 gene. This protein is essential for vesicular traffic from the Golgi apparatus to the cell surface in yeast. It is one of the components of a multiprotein complex required for exocytosis. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	54536
Other Names	Exocyst complex component 6, Exocyst complex component Sec15A, SEC15-like protein 1, EXOC6, SEC15A, SEC15L, SEC15L1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

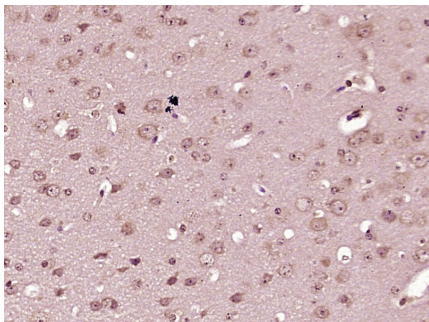
Name	EXOC6
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Synonyms	SEC15A, SEC15L, SEC15L1
Function	Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane. Together with RAB11A, RAB3IP, RAB8A, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis (By similarity).
Cellular Location	Cytoplasm {ECO:0000250 UniProtKB:O54923}. Cytoplasm, perinuclear region {ECO:0000250 UniProtKB:O54923}. Cell projection, growth cone {ECO:0000250 UniProtKB:O54923}. Midbody, Midbody ring. Note=Perinuclear in undifferentiated cells. Redistributes to growing neurites and growth cones during neuronal differentiation. Colocalizes with CNTRL/centriolin at the midbody ring (PubMed:16213214) {ECO:0000250 UniProtKB:O54923, ECO:0000269 PubMed:16213214}

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (EXOC6) Polyclonal Antibody, Unconjugated (AP55662) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.