

### **EXOC6 Polyclonal Antibody**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55662

#### **Specification**

### **EXOC6 Polyclonal Antibody - Product Information**

Application IHC-P, IHC-F, IF, ICC

Primary Accession <u>Q8TAG9</u>

Reactivity
Host
Rabbit
Rabbit
Reactivity
Rat, Pig, Dog, Bovine
Rabbit

Clonality Polyclonal Calculated MW 94 KDa 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.

SIMILARITY Belongs to the SEC15 family.

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The exocyst complex is composed of

EXOC1, EXOC2, EXOC3, EXOC4, EXOC5,
EXOC6, EXOC7 and EXOC8. Interacts with

CNTRL. Interacts with RAB11A in a GTP-dependent manner (By similarity). 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 Saccharomyces cerevisiae 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]

## **EXOC6 Polyclonal Antibody - Additional Information**

#### **Gene ID 54536**

Important Note

# Other Names

Exocyst complex component 6, Exocyst complex component Sec15A, SEC15-like protein 1, EXOC6, SEC15A, SEC15L1

### Dilution

<span class ="dilution\_IHC-P">IHC-P $\sim$ N/A</span><br\><span class ="dilution\_IHC-F">IHC-F $\sim$ N/A</span><br\><span class</pre>



="dilution IF">IF $\sim$ 1:50 $\sim$ 200</span><br/>span class ="dilution ICC">ICC $\sim$ N/A</span>

#### **Storage**

Store at -20  $^{\circ}$ 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  $^{\circ}$ C.

#### **EXOC6 Polyclonal Antibody - Protein Information**

Name EXOC6

Synonyms SEC15A, SEC15L1, 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}

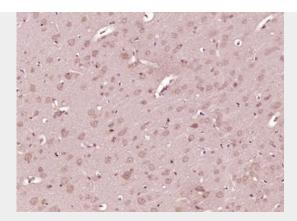
#### **EXOC6 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

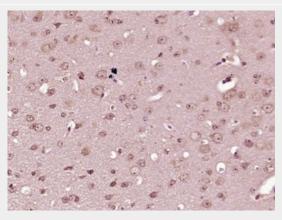
- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## **EXOC6 Polyclonal Antibody - Images**





Paraformaldehyde-fixed, paraffin embedded (Rat 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 (bs-14662R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



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 (bs-14662R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.