

### **EXOC3 Antibody (C-term)**

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AW5482

### **Specification**

# **EXOC3 Antibody (C-term) - Product Information**

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW
Isotype

WB, IHC-P,E
060645
Human
Rabbit
Polyclonal
H=87,74,86 KDa
Rabbit IgG

**HUMAN** 

### **EXOC3 Antibody (C-term) - Additional Information**

**Gene ID** 11336

**Antigen Source** 

**Antigen Region** 

524-557

#### **Other Names**

Exocyst complex component 3, Exocyst complex component Sec6, EXOC3, SEC6, SEC6L1

#### **Dilution**

WB~~1:1000 IHC-P~~1:25

#### **Target/Specificity**

This EXOC3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 524-557 amino acids from the C-terminal region of human EXOC3.

### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

### **Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

EXOC3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

### **EXOC3 Antibody (C-term) - Protein Information**

Name EXOC3



## Synonyms SEC6, SEC6L1

#### **Function**

Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane.

#### **Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:O54921}. Cytoplasm, perinuclear region {ECO:0000250|UniProtKB:O54921}. Cell projection, growth cone {ECO:0000250|UniProtKB:O54921}. Midbody. Golgi apparatus. Cell projection, neuron projection {ECO:0000250|UniProtKB:Q62825}. Note=Perinuclear in undifferentiated cells. Redistributes to growing neurites and growth cones during neuronal differentiation (By similarity). During mitosis, early recruitment to the midbody requires RALA, but not RALB, and EXOC2. In late stages of cytokinesis, localization to the midbody is RALB- dependent (PubMed:18756269). {ECO:0000250|UniProtKB:O54921, ECO:0000269|PubMed:18756269}

#### **Tissue Location**

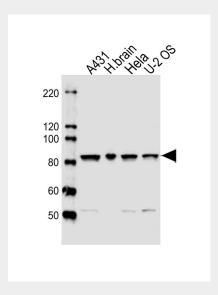
Expressed in epididymis (at protein level).

#### **EXOC3 Antibody (C-term) - 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

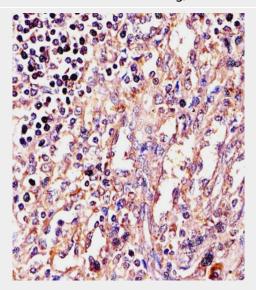
### **EXOC3 Antibody (C-term) - Images**



All lanes : Anti-EXOC3 Antibody (C-term) at 1:1000 dilution Lane 1: A431 whole cell lysates Lane 2: human brain lysates Lane 3: Hela whole cell lysates Lane 4: U-2 OS whole cell lysates Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L),Peroxidase conjugated



at 1/10000 dilution Predicted band size: 87 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



AW5482 staining EXOC3 in Human spleen tissue sections by Immunohistochemistry (IHC-P paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

## EXOC3 Antibody (C-term) - Background

Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane.

## **EXOC3 Antibody (C-term) - References**

Li J.,et al.Mol. Cell. Proteomics 9:2517-2528(2010). Jikuya H.,et al.DNA Res. 10:49-57(2003). Schmutz J.,et al.Nature 431:268-274(2004). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Yu W.,et al.Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.