

# SEC6 Rabbit mAb

Catalog # AP76040

## Product Information

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<b>Application</b>	WB, IHC-P, IP
<b>Primary Accession</b>	<a href="#">O60645</a>
<b>Reactivity</b>	Rat, Human, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Purified
<b>Calculated MW</b>	85567

## Additional Information

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<b>Gene ID</b>	11336
<b>Other Names</b>	EXOC3
<b>Dilution</b>	WB~~1:500-1:1000 IHC-P~~N/A IP~~1:20
<b>Format</b>	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	EXOC3
<b>Synonyms</b>	SEC6, SEC6L1
<b>Function</b>	Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane.
<b>Cellular Location</b>	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).

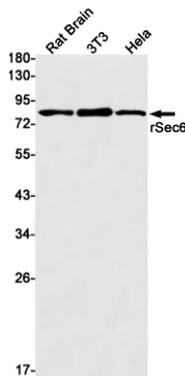
## Background

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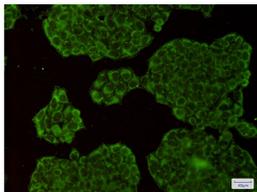
Exoc3 (Sec6) is a component of the exocyst (Sec6/8) complex involved in vesicle trafficking at neural synapses and vesicle targeting in polarized epithelial cells. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. This complex is composed of eight proteins (Sec3, Sec5, Sec6, Sec8, Sec10, and Sec15, Exo70 and Exo84), with molecular weights ranging from 70 to 144 kDa.

## Images

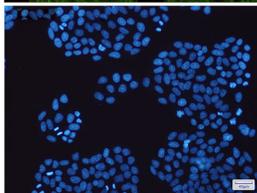
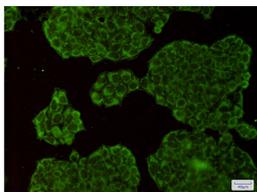
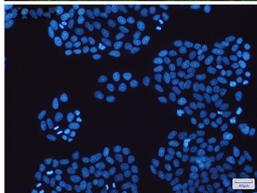
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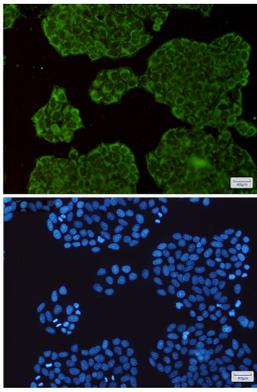


Western blot analysis of rSec6 in rat Brain, 3T3, HeLa lysates using Exocyst Complex Component 3 antibody.



Immunocytochemistry analysis of rSec6(green) in HeLa using rSec6 antibody, and DAPI(blue)





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