

ARG42880 anti-EXOC3 / rSec6 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes EXOC3 / rSec6
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	EXOC3 / rSec6
Species	Human
Immunogen	Synthetic peptide of Human EXOC3 / rSec6.
Conjugation	Un-conjugated
Alternate Names	SEC6L1; Exocyst complex component Sec6; Sec6p; Exocyst complex component 3; SEC6

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:20 - 1:50
	IHC-P	1:20 - 1:100
	IP	1:20 - 1:50
	WB	1:1000 - 1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	NIH/3T3	
Observed Size	~ 85 kDa	

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	50 mM Tris-Glycine (pH 7.4), 150 mM NaCl, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Preservative	0.01% Sodium azide
Stabilizer	40% Glycerol and 0.05% BSA
Concentration	Batch dependent
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	EXOC3
Gene Full Name	exocyst complex component 3
Background	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. [provided by RefSeq, Jul 2008]
Function	Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane. [UniProt]
Calculated Mw	86 kDa
Cellular Localization	Cytoplasm. Cytoplasm, perinuclear region. Cell projection, growth cone. Midbody. Golgi apparatus. 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). [UniProt]

Images



ARG42880 anti-EXOC3 / rSec6 antibody WB image

Western blot: NIH/3T3 cell lysate stained with ARG42880 anti-EXOC3 / rSec6 antibody at 1:1000 dilution.