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EXOC3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant EXOC3.
Catalog # AT1963a

Product Information

Application	WB, E
Primary Accession	O60645
Other Accession	NM_007277
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	4A7
Calculated MW	85567

Additional Information

Gene ID	11336
Other Names	Exocyst complex component 3, Exocyst complex component Sec6, EXOC3, SEC6, SEC6L1
Target/Specificity	EXOC3 (NP_009208, 646 a.a. ~ 745 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	EXOC3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

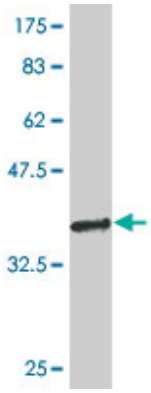
Background

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.

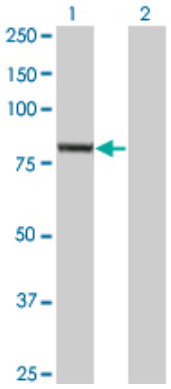
References

1.West nile virus and Dengue virus capsid protein negates the antiviral activity of human Sec3 protein Through The Proteasome Pathway.Raghavan B, Ng MLCell Microbiol. 2013 Mar 22. doi: 10.1111/cmi.12143.2.Exocyst subunits are involved in isoproterenol-induced amylase release from rat parotid acinar cells.Imai A, Yoshie S, Haga-Tsujimura M, Nashida T, Shimomura H.Eur J Oral Sci. 2012 Apr;120(2):123-31. doi: 10.1111/j.1600-0722.2012.00952.x.

Images

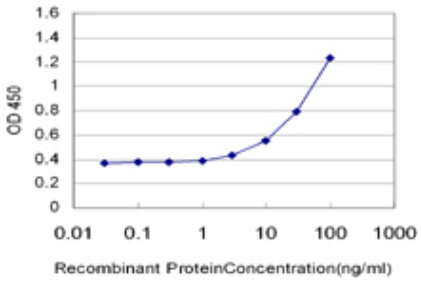


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Western Blot analysis of EXOC3 expression in transfected 293T cell line by EXOC3 monoclonal antibody (M01), clone 4A7.

Lane 1: EXOC3 transfected lysate(86.845 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged EXOC3 is approximately 3ng/ml as a capture antibody.

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