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EXOC4 Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant EXOC4.
Catalog # AT1964a

Product Information

Application	WB, E
Primary Accession	Q96A65
Other Accession	NM_021807
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	4F1
Calculated MW	110498

Additional Information

Gene ID	60412
Other Names	Exocyst complex component 4, Exocyst complex component Sec8, EXOC4, KIAA1699, SEC8, SEC8L1
Target/Specificity	EXOC4 (NP_068579, 1 a.a. ~ 109 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	EXOC4 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

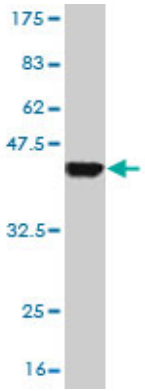
Background

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. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

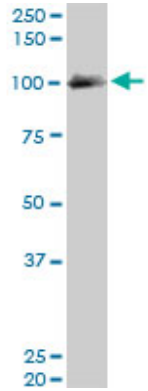
References

1.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.

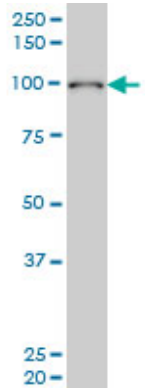
Images



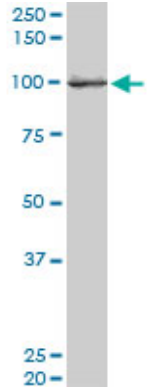
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.73 KDa) .



EXOC4 monoclonal antibody (M06), clone 4F1. Western Blot analysis of EXOC4 expression in PC-12((Cat # AT1964a)

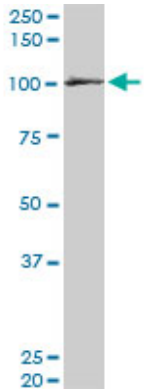


EXOC4 monoclonal antibody (M06), clone 4F1 Western Blot analysis of EXOC4 expression in Hela S3 NE ((Cat # AT1964a)

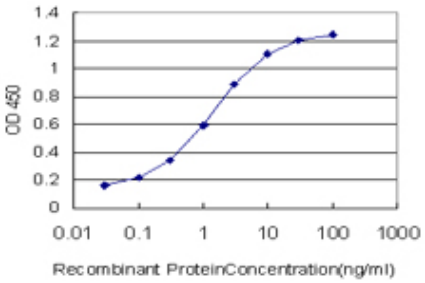


EXOC4 monoclonal antibody (M06), clone 4F1. Western Blot analysis of EXOC4 expression in Raw 264.7((Cat # AT1964a)

EXOC4 monoclonal antibody (M06), clone 4F1. Western



Blot analysis of EXOC4 expression in NIH/3T3((Cat # AT1964a)



Detection limit for recombinant GST tagged EXOC4 is approximately 0.1ng/ml as a capture antibody.

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