

EXOC7 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant EXOC7.

Catalog # AT1965a

Product Information

Application	WB, IHC, E
Primary Accession	Q9UPT5
Other Accession	NM_001013839
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1D4
Calculated MW	83382

Additional Information

Gene ID	23265
Other Names	Exocyst complex component 7, Exocyst complex component Exo70, EXOC7, EXO70, KIAA1067
Target/Specificity	EXOC7 (NP_001013861, 586 a.a. ~ 684 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 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	EXOC7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

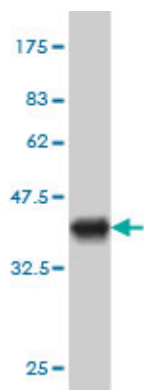
EXOC7 is a component of the exocyst, which is an evolutionarily conserved octameric protein complex essential for exocytosis. The exocyst targets secretory vesicles at specific domains of the plasma membrane for cell surface expansion and protein secretion (Zuo et al., 2006 [PubMed 17086175]).

References

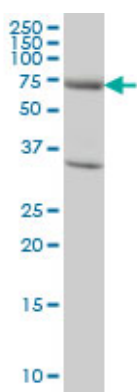
Novel interaction partners of Bardet-Biedl syndrome proteins. Oeffner F, et al. Cell Motil Cytoskeleton, 2008 Feb. PMID 18000879. Exo70 interacts with the Arp2/3 complex and regulates cell migration. Zuo X, et al. Nat Cell Biol, 2006 Dec. PMID 17086175. A probability-based approach for high-throughput protein

phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560. Towards a proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.

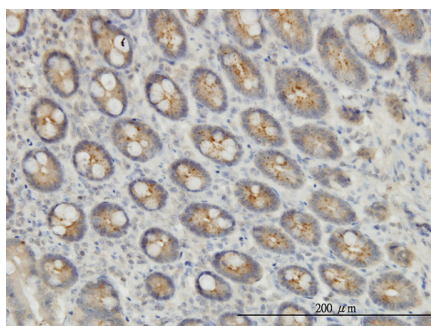
Images



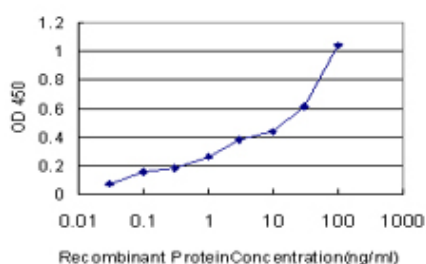
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 kDa) .



EXOC7 monoclonal antibody (M01), clone 1D4 Western Blot analysis of EXOC7 expression in HeLa (Cat # AT1965a)



Immunoperoxidase of monoclonal antibody to EXOC7 on formalin-fixed paraffin-embedded human small Intestine. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged EXOC7 is approximately 1 ng/ml as a capture antibody.

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