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SEC24D Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant SEC24D.
Catalog # AT3806a

Product Information

Application	WB
Primary Accession	O94855
Other Accession	NM_014822
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	1A8
Calculated MW	113010

Additional Information

Gene ID	9871
Other Names	Protein transport protein Sec24D, SEC24-related protein D, SEC24D, KIAA0755
Target/Specificity	SEC24D (NP_055637, 935 a.a. ~ 1032 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
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	SEC24D Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

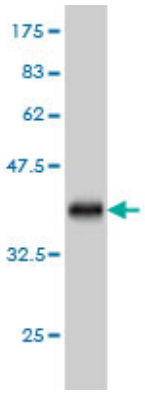
The protein encoded by this gene is a member of the SEC24 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec24p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. This gene product is implicated in the shaping of the vesicle, and also in cargo selection and concentration.

References

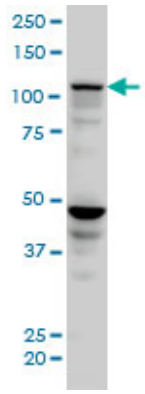
1.Hsp70 Promotes Epithelial Sodium Channel Functional Expression by Increasing Its Association with Coat Complex II and Its Exit from Endoplasmic Reticulum.Chanoux RA, Robay A, Shubin CB, Kebler C, Suaud L, Rubenstein RC.J Biol Chem. 2012 Jun 1;287(23):19255-65. Epub 2012 Apr 10.2.Role of Rab1b in COPII

dynamics and function.Slavin I, Garcia IA, Monetta P, Martinez H, Romero N, Alvarez C.Eur J Cell Biol. 2010 Nov 17. [Epub ahead of print]3.New class of microRNA targets containing simultaneous 5'-UTR and 3'-UTR interaction sites.Lee I, Ajay SS, Yook JI, Kim HS, Hong SH, Kim NH, Dhanasekaran SM, Chinnaiyan AM, Athey BD.Genome Res. 2009 Jul;19(7):1175-83. Epub 2009 Mar 31.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.41 KDa) .



SEC24D monoclonal antibody (M04), clone 1A8 Western Blot analysis of SEC24D expression in HeLa ((Cat # AT3806a)

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