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STX4A Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant STX4A.
Catalog # AT4097a

Product Information

Application	WB, IF, E
Primary Accession	Q12846
Other Accession	NM_004604
Reactivity	Human, Mouse
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	6D1
Calculated MW	34180

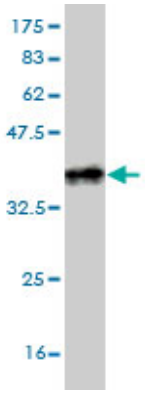
Additional Information

Gene ID	6810
Other Names	Syntaxin-4, Renal carcinoma antigen NY-REN-31, STX4, STX4A
Target/Specificity	STX4A (NP_004595, 19 a.a. ~ 119 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 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	STX4A Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

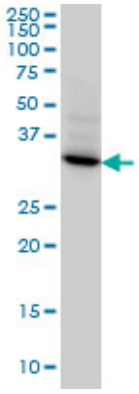
References

Syntaxin-4 defines a domain for activity-dependent exocytosis in dendritic spines. Kennedy MJ, et al. Cell, 2010 Apr 30. PMID 20434989.Regulation of the hDlg/hScrib/Hugl-1 tumour suppressor complex. Massimi P, et al. Exp Cell Res, 2008 Nov 1. PMID 18793635.Involvement of Munc18 isoforms in the regulation of granule exocytosis in neutrophils. Brochetta C, et al. Biochim Biophys Acta, 2008 Oct. PMID 18588921.A genome-wide scan for common genetic variants with a large influence on warfarin maintenance dose. Cooper GM, et al. Blood, 2008 Aug 15. PMID 18535201.Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.

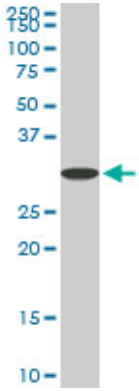
Images



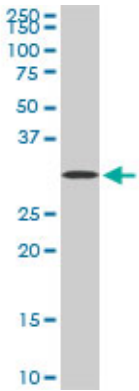
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.85 KDa) .



STX4A monoclonal antibody (M04), clone 6D1 Western Blot analysis of STX4A expression in HeLa ((Cat # AT4097a)



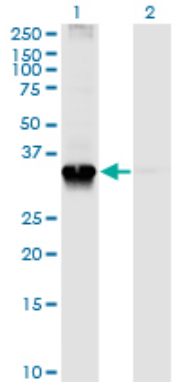
STX4A monoclonal antibody (M04), clone 6D1. Western Blot analysis of STX4A expression in Raw 264.7((Cat # AT4097a)

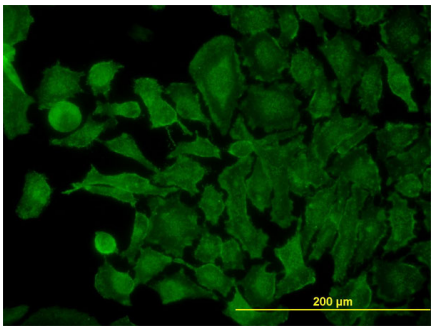


STX4A monoclonal antibody (M04), clone 6D1. Western Blot analysis of STX4A expression in NIH/3T3((Cat # AT4097a)

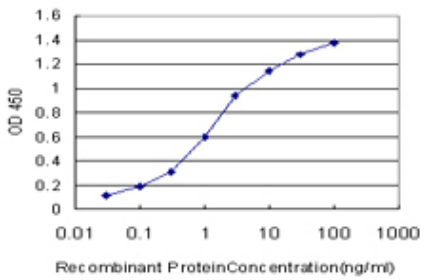
Western Blot analysis of STX4 expression in transfected 293T cell line by STX4A monoclonal antibody (M04), clone 6D1.

Lane 1: STX4 transfected lysate (Predicted MW: 34.2 KDa).
Lane 2: Non-transfected lysate.





Immunofluorescence of monoclonal antibody to STX4A on HeLa cell. [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged STX4A 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'.