

STMN2 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant STMN2.

Catalog # AT4092a

Product Information

Application	WB, E
Primary Accession	Q93045
Other Accession	NM_007029
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	1C6
Calculated MW	20828

Additional Information

Gene ID	11075
Other Names	Stathmin-2, Superior cervical ganglion-10 protein, Protein SCG10, STMN2, SCG10, SCGN10
Target/Specificity	STMN2 (NP_008960, 1 a.a. ~ 90 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	STMN2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

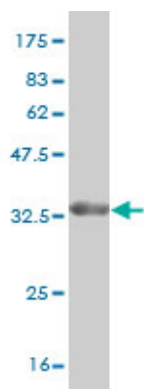
Superior cervical ganglion-10 is a neuronal growth-associated protein that shares significant amino acid sequence similarity with the phosphoprotein stathmin (MIM 151442).

References

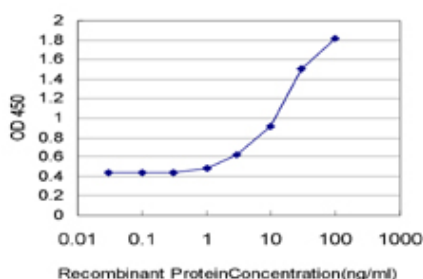
Genetic risk factors for variant Creutzfeldt-Jakob disease: a genome-wide association study. Mead S, et al. Lancet Neurol, 2009 Jan. PMID 19081515. Rnd1 regulates axon extension by enhancing the microtubule destabilizing activity of SCG10. Li YH, et al. J Biol Chem, 2009 Jan 2. PMID 18996843. Stathmin-like 2, a developmentally-associated neuronal marker, is expressed and modulated during osteogenesis of human

mesenchymal stem cells. Chiellini C, et al. Biochem Biophys Res Commun, 2008 Sep 12. PMID 18611392. The trans-Golgi proteins SCLIP and SCG10 interact with chromogranin A to regulate neuroendocrine secretion. Mahapatra NR, et al. Biochemistry, 2008 Jul 8. PMID 18549247. BRI3 associates with SCG10 and attenuates NGF-induced neurite outgrowth in PC12 cells. Gong Y, et al. BMB Rep, 2008 Apr 30. PMID 18452648.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .



Detection limit for recombinant GST tagged STMN2 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'.