

SYNGR2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SYNGR2.

Catalog # AT4122a

Product Information

Application	WB, E
Primary Accession	O43760
Other Accession	NM_004710
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG3 Kappa
Clone Names	5C3
Calculated MW	24810

Additional Information

Gene ID	9144
Other Names	Synaptogyrin-2, Cellugyrin, SYNGR2
Target/Specificity	SYNGR2 (NP_004701, 168 a.a. ~ 224 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	SYNGR2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

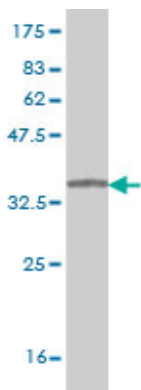
This gene encodes an integral membrane protein containing four transmembrane regions and a C-terminal cytoplasmic tail that is tyrosine phosphorylated. The exact function of this protein is unclear, but studies of a similar rat protein suggest that it may play a role in regulating membrane traffic in non-neuronal cells. The gene belongs to the synaptogyrin gene family.

References

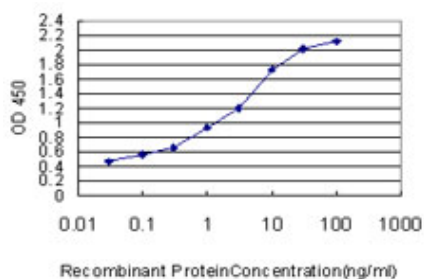
The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel human secreted and transmembrane proteins: a bioinformatics

assessment. Clark HF, et al. Genome Res, 2003 Oct. PMID 12975309. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Characterization of the human synaptogyrin gene family. Kedra D, et al. Hum Genet, 1998 Aug. PMID 9760194. Cellugyrin, a novel ubiquitous form of synaptogyrin that is phosphorylated by pp60c-src. Janz R, et al. J Biol Chem, 1998 Jan 30. PMID 9446595.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.01 KDa) .



Detection limit for recombinant GST tagged SYNGR2 is approximately 0.03ng/ml as a capture antibody.

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