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CSPG5 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant CSPG5.
Catalog # AT1657a

Product Information

Application	WB, E
Primary Accession	O95196
Other Accession	NM_006574
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	5C11
Calculated MW	60016

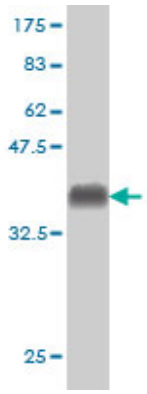
Additional Information

Gene ID	10675
Other Names	Chondroitin sulfate proteoglycan 5, Acidic leucine-rich EGF-like domain-containing brain protein, Neuroglycan C, CSPG5, CALEB, NGC
Target/Specificity	CSPG5 (NP_006565, 445 a.a. ~ 539 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	CSPG5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

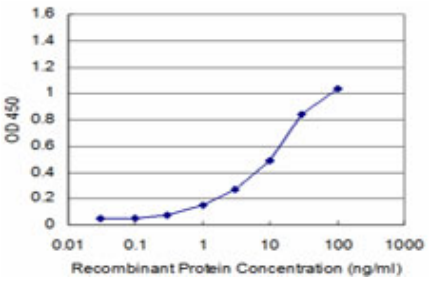
References

Identification of neuroglycan C and interacting partners as potential susceptibility genes for schizophrenia in a Southern Chinese population. So HC, et al. Am J Med Genet B Neuropsychiatr Genet, 2010 Jan 5. PMID 19367581.Neuroglycan C is a novel midkine receptor involved in process elongation of oligodendroglial precursor-like cells. Ichihara-Tanaka K, et al. J Biol Chem, 2006 Oct 13. PMID 16901907.Expression and identification of a new splice variant of neuroglycan C, a transmembrane chondroitin sulfate proteoglycan, in the human brain. Aono S, et al. J Neurosci Res, 2006 Jan. PMID 16299773.Neuroglycan C, a novel member of the neuregulin family. Kinugasa Y, et al. Biochem Biophys Res Commun, 2004 Sep 3. PMID 15358134.CALEB/NGC interacts with the Golgi-associated protein PIST. Hassel B, et al. J Biol Chem, 2003 Oct 10. PMID 12885772.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.19 KDa) .



Detection limit for recombinant GST tagged CSPG5 is approximately 1ng/ml as a capture antibody.

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