

CSPG5 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant CSPG5.****Catalog # AT1657a****Specification**

CSPG5 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O95196
Other Accession	NM_006574
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	60016

CSPG5 Antibody (monoclonal) (M01) - 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.

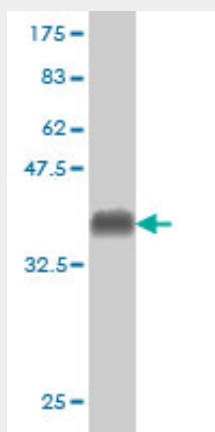
CSPG5 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

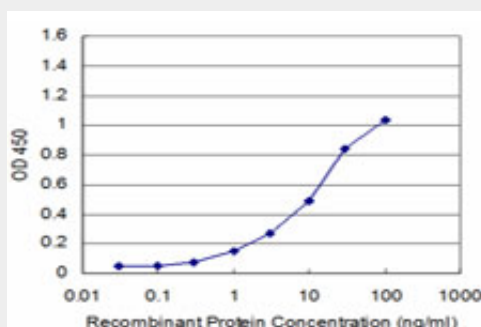
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CSPG5 Antibody (monoclonal) (M01) - 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.

CSPG5 Antibody (monoclonal) (M01) - 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.