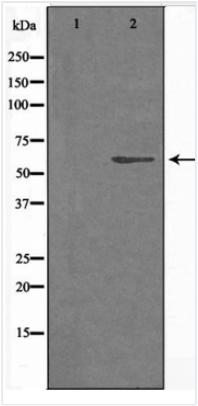
CSPG5 Antibody

PRODUCT OVERVIEW

Product Name	CSPG5, Antibody
Full Product Name	CSPG5 Antibody
Product Gene Name	anti-CSPG5 antibody
Product Synonym Names	Chondroitin sulfate proteoglycan 5; Neuroglycan C; Acidic leucine-rich EGF-like domain-containing brain protein
Species Reactivity	Human, Mouse, Rat
Form/Format	In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Immunogen affinity purified
Specificity	CSPG5 Antibody detects endogenous levels of total CSPG5
Preparation and Storage	Store at-20 degree C. Stable for 12 months from date of receipt.
Molecular Weight	60 KD
OMIM	606775
3D Structure	ModBase 3D Structure for O95196
Immunogen	A synthesized peptide
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CSPG5 antibody	Western Blot (WB)
Application Notes for anti-CSPG5 antibody	WB: 1:500-1:1000
Related Product Information for anti-CSPG5 antibody	MBS8514645 is an antibody targeting CSPG5. Also known as CSPG5 Antibody. Reactive in Human, Mouse, Rat.
Other Notes	Small volumes of anti-CSPG5 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CSPG5 antibody
Western blot analysis of extracts from COLO cells, using CSPG5 antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CSPG5. It may not necessarily be applicable to this product.

NCBI GI #	332635065
NCBI GeneID	10675
NCBI Accession #	NP_001193872.1
UniProt Primary Accession #	O95196
UniProt Secondary Accession #	Q71M39; Q71M40
UniProt Related Accession #	O95196
GenBank Nucleotide #	NM_001206943.1
NCBI Official Full Name	chondroitin sulfate proteoglycan 5 isoform 3
NCBI Official Synonym Full Names	chondroitin sulfate proteoglycan 5
NCBI Official Symbol	CSPG5
NCBI Official Synonym Symbols	NGC
UniProt Protein Name	Chondroitin sulfate proteoglycan 5
UniProt Synonym Protein Names	Acidic leucine-rich EGF-like domain-containing brain protein; Neuroglycan C
Protein Family	Chondroitin sulfate proteoglycan
UniProt Gene Name	CSPG5
UniProt Synonym Gene Names	CALEB; NGC
NCBI Protein Information	chondroitin sulfate proteoglycan 5
NCBI Summary for CSPG5	The protein encoded by this gene is a proteoglycan that may function as a neural growth and differentiation factor. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]
UniProt Comments for CSPG5	May function as a growth and differentiation factor involved in neuritogenesis. May induce ERBB3 activation.
Research Articles on CSPG5	**1.** results suggest that NGC may be a novel candidate gene, and neuregulin signaling pathways may play an important role in schizophrenia
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