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Neuroglycan C Polyclonal Antibody

Catalog # AP71249

Product Information

Application	WB, IHC-P
Primary Accession	O95196
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	60016

Additional Information

Gene ID	10675
Other Names	CSPG5; CALEB; NGC; Chondroitin sulfate proteoglycan 5; Acidic leucine-rich EGF-like domain-containing brain protein; Neuroglycan C
Dilution	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. IHC-P~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

Protein Information

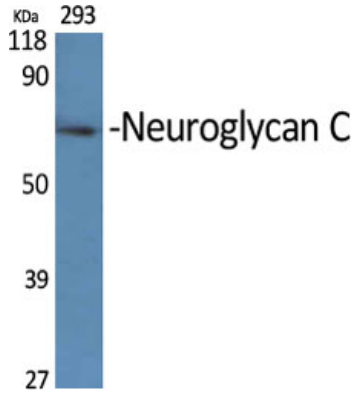
Name	CSPG5
Synonyms	CALEB, NGC
Function	May function as a growth and differentiation factor involved in neuritogenesis. May induce ERBB3 activation.
Cellular Location	Cell membrane {ECO:0000250|UniProtKB:Q9ERQ6}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q9ERQ6} Synaptic cell membrane {ECO:0000250|UniProtKB:Q71M36}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q71M36}. Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q71M36}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q71M36}. Golgi apparatus membrane {ECO:0000250|UniProtKB:Q71M36}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q71M36}. Cell surface {ECO:0000250|UniProtKB:Q71M36}. Secreted. Note=In neurons, localizes to synaptic junctions. Also detected in the endoplasmic reticulum and the Golgi Partially enriched in lipid rafts. {ECO:0000250|UniProtKB:Q71M36, ECO:0000250|UniProtKB:Q9ERQ6}

Tissue Location	Detected in cerebrospinal fluid (at protein level) (PubMed:25326458). Detected in urine (at protein level) (PubMed:37453717). Expressed in brain (at protein level) (PubMed:9950058).

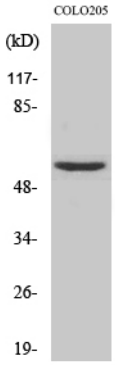
Background

May function as a growth and differentiation factor involved in neuritogenesis. May induce ERBB3 activation.

Images



Western Blot analysis of various cells using Neuroglycan C Polyclonal Antibody



Western Blot analysis of HeLa cells using Neuroglycan C Polyclonal Antibody

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