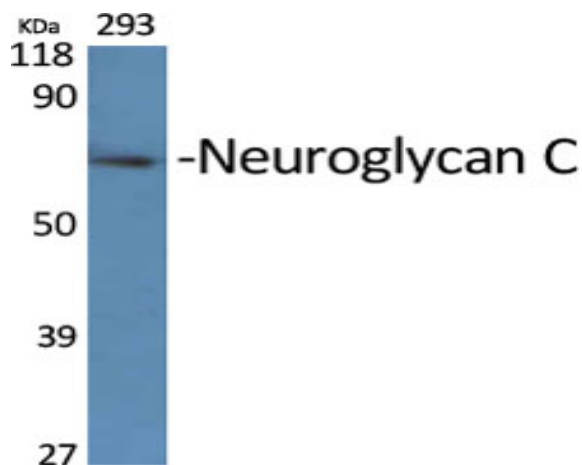


Neuroglycan C Polyclonal Antibody

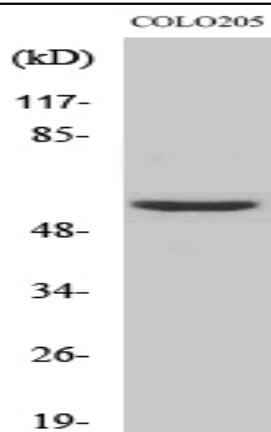
Catalog No :	YT3066
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC
Target :	Neuroglycan C
Gene Name :	CSPG5
Protein Name :	Chondroitin sulfate proteoglycan 5
Human Gene Id :	10675
Human Swiss Prot No :	O95196
Mouse Gene Id :	29873
Mouse Swiss Prot No :	Q71M36
Rat Gene Id :	50568
Rat Swiss Prot No :	Q9ERQ6
Immunogen :	The antiserum was produced against synthesized peptide derived from human CSPG5. AA range:211-260
Specificity :	Neuroglycan C Polyclonal Antibody detects endogenous levels of Neuroglycan C protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	60kD
Background :	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],
Function :	developmental stage:Expressed in brain of 3 months, 5 and 10-year-old individuals.,function:May function as a growth and differentiation factor involved in neuritogenesis. May induce ERBB3 activation.,miscellaneous:Different forms of various molecular weight have been observed. Such forms are possibly due to different levels of glycosylation, phosphorylation and/or protein cleavage.,PTM:N-glycosylated.,PTM:O-glycosylated; contains chondroitin sulfate glycans. Part-time proteoglycan, expressed in part as a proteoglycan exhibiting chondroitin sulfate glycans and in part as a non-proteoglycan form. The relative amount of both forms depends on tissues and tissues maturation.,PTM:Phosphorylated; in intracellular and extracellular parts.,similarity:Contains 1 EGF-like domain.,subcellular location:In neurons, localizes to synaptic junctions (By similarity). Also detected in the endoplasmic reti
Subcellular Location :	Cell membrane ; Single-pass type I membrane protein . Cell junction, synapse, synaptic cell membrane ; Single-pass type I membrane protein . Endoplasmic reticulum membrane ; Single-pass type I membrane protein . Golgi apparatus membrane ; Single-pass type I membrane protein . Cell surface . In neurons, localizes to synaptic junctions. Also detected in the endoplasmic reticulum and the Golgi. Partially enriched in lipid rafts. .
Expression :	Restricted to brain (at protein level).

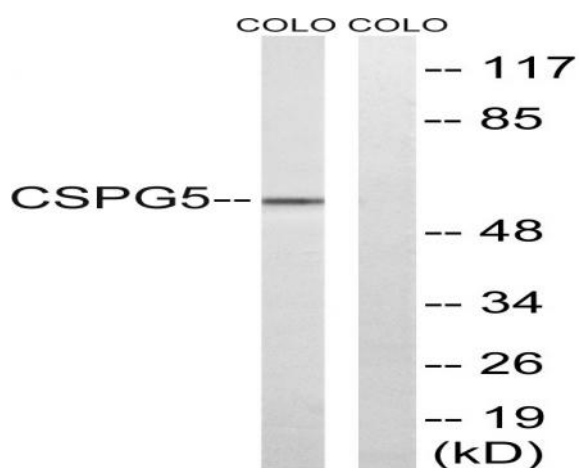
Products Images



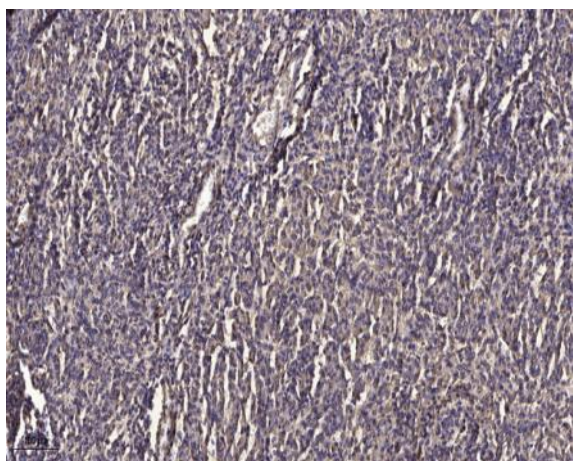
Western Blot analysis of various cells using Neuroglycan C Polyclonal Antibody



Western Blot analysis of HeLa cells using Neuroglycan C Polyclonal Antibody



Western blot analysis of lysates from COLO and HeLa cells, using CSPG5 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human meningioma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).