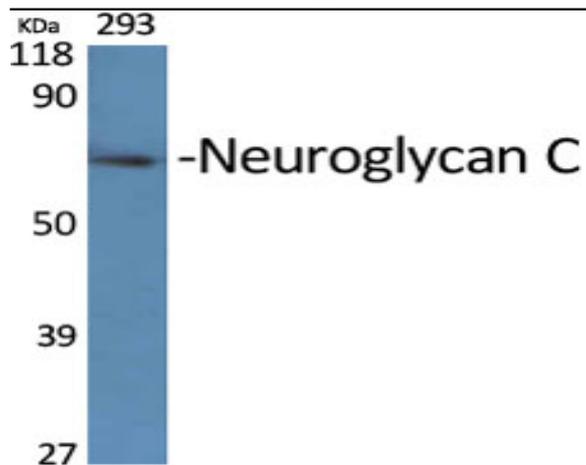


Neuroglycan C Polyclonal Antibody

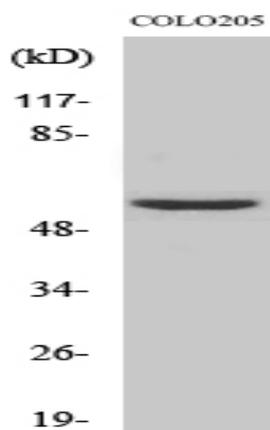
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|------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Catalog No : | YT3066 |
| Reactivity : | Human;Mouse;Rat |
| Applications : | WB;IHC |
| Target : | 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. |

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| 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). |
| Sort : | 10720 |
| No4 : | 1 |
| Host : | Rabbit |
| Modifications : | Unmodified |

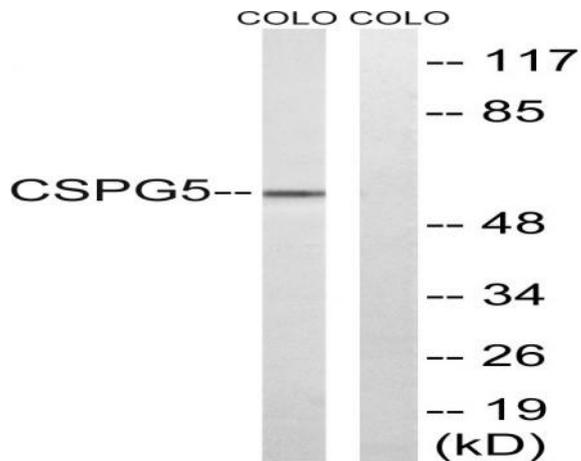
Products Images



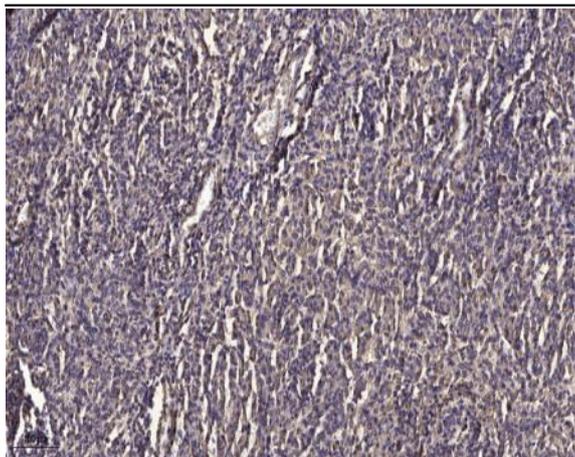
Western Blot analysis of various cells using Neuroglycan C Polyclonal Antibody



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).