

**Neuroglycan C Polyclonal Antibody**  
**Catalog # AP71249****Specification**

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**Neuroglycan C Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">O95196</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |

**Neuroglycan C Polyclonal Antibody - 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.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Neuroglycan C Polyclonal Antibody - 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

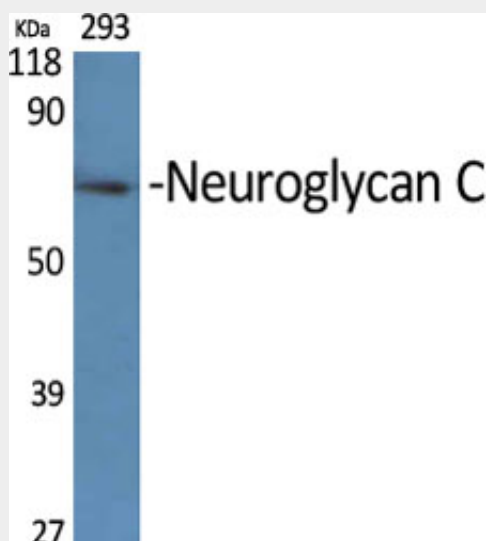
Detected in cerebrospinal fluid (at protein level) (PubMed:25326458). Detected in urine (at protein level) (PubMed:37453717). Expressed in brain (at protein level) (PubMed:9950058).

#### Neuroglycan C Polyclonal Antibody - Protocols

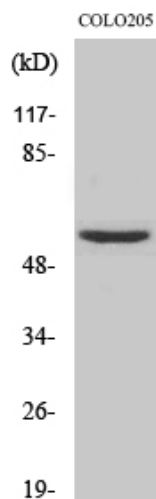
Provided below are standard protocols that you may find useful for product applications.

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

#### Neuroglycan C Polyclonal Antibody - Images



Western Blot analysis of various cells using Neuroglycan C Polyclonal Antibody



Western Blot analysis of HeLa cells using Neuroglycan C Polyclonal Antibody

#### **Neuroglycan C Polyclonal Antibody - Background**

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