

# Neuroglycan C Polyclonal Antibody

Catalog # AP71249

## Product Information

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">O95196</a> |
| 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.  |
| 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} |

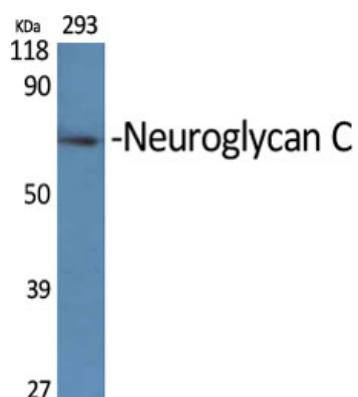
## Tissue Location

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).

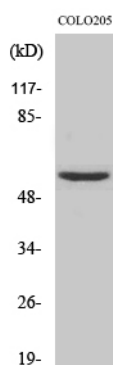
## Background

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

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