

Neurocan Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51807**Specification**

Neurocan Antibody - Product Information

Application	WB
Primary Accession	O14594
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	220 KDa
Antigen Region	381 - 440

Neurocan Antibody - Additional Information**Gene ID** 1463**Other Names**

Neurocan core protein, Chondroitin sulfate proteoglycan 3, NCAN, CSPG3, NEUR

Target/Specificity

KLH conjugated synthetic peptide derived from human Neurocan

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Neurocan Antibody - Protein Information**Name** NCAN**Synonyms** CSPG3, NEUR**Function**

May modulate neuronal adhesion and neurite growth during development by binding to neural cell adhesion molecules (NG-CAM and N- CAM). Chondroitin sulfate proteoglycan; binds to hyaluronic acid.

Cellular Location

Secreted.

Tissue Location

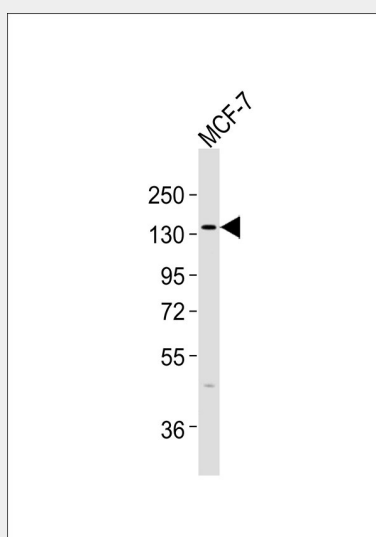
Detected in cerebrospinal fluid (at protein level) (PubMed:25326458). Brain.

Neurocan 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](#)

Neurocan Antibody - Images



Anti-Neurocan Antibody at 1:1000 dilution + MCF-7 whole cell lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 143 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

Neurocan Antibody - Background

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Neurocan Antibody - References

Prange C.K., et al. Gene 221:199-205(1998).
Grimwood J., et al. Nature 428:529-535(2004).
Halim A., et al. J. Proteome Res. 12:573-584(2013).