

Neurocan Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51807

Product Information

Application	WB
Primary Accession	O14594
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	143093

Additional Information

Gene ID	1463
Other Names	Neurocan core protein, Chondroitin sulfate proteoglycan 3, NCAN, CSPG3, NEUR
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Neurocan. The exact sequence is proprietary.
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

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.

Background

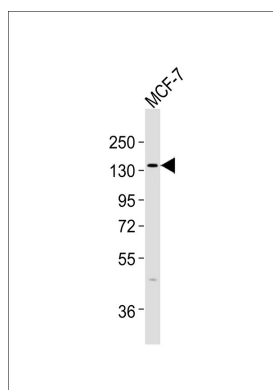
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References

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).

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.