10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Neurocan Recombinant Rabbit mAb

Catalog # AP100037

Product Information

Application	WB, IHC-P, IHC-F, IF, IP
Primary Accession	O14594
Other Accession	O14594
Reactivity	Human
Host	Rabbit
Clonality	Recombinant
Calculated MW	143093
Physical State	Liquid
Immunogen	A synthesized peptide derived from human Neurocan
Epitope Specificity	2-51/1321
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol.
SIMILARITY	Belongs to the aggrecan/versican proteoglycan family. Contains 1 C-type lectin domain. Contains 2 EGF-like domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain. Contains 2 Link domains. Contains 1 Sushi (CCP/SCR) domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	1463
Other Names	CSPG3; NCAN_HUMAN; NCAN; Chondroitin sulfate proteoglycan 3; NEUR; NCAN_RAT; 245 kDa early postnatal core glycoprotein; neurocan; neurocan proteoglycan
Dilution	WB=1:1000-2000,IHC-P=1:100-500,IHC-F=1:100-500,IP=1:20-50,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

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