

ARG58510 anti-Neurocan antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Neurocan
Tested Reactivity	Hu, Ms
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Neurocan
Species	Human
Immunogen	Synthetic peptide corresponding to a sequence of Human Neurocan (HENTWIGLNDRIVERDFQWTDNTGLQFENWRENQPDNFFA).
Conjugation	Un-conjugated
Alternate Names	CSPG3; Chondroitin sulfate proteoglycan 3; Neurocan core protein

Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml

Application Note IHC-P: Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0) for 20 min.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

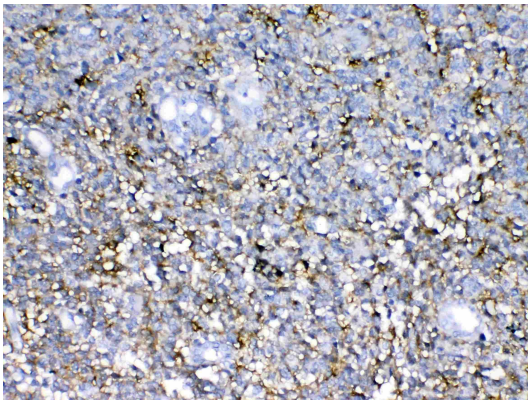
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.05% Sodium azide and 5% BSA.
Preservative	0.05% Sodium azide
Stabilizer	5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

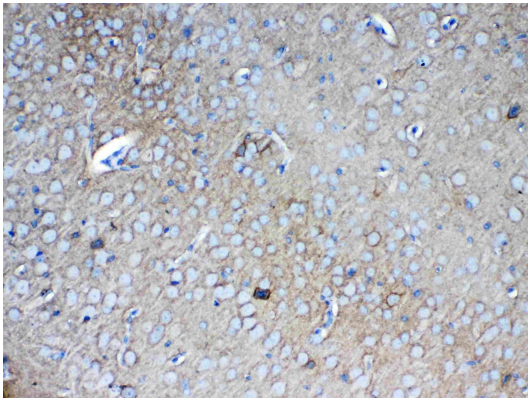
Gene Symbol	NCAN
Gene Full Name	neurocan
Background	Neurocan is a chondroitin sulfate proteoglycan thought to be involved in the modulation of cell adhesion and migration.[supplied by OMIM, Jul 2002]
Function	May modulate neuronal adhesion and neurite growth during development by binding to neural cell adhesion molecules (NG-CAM and N-CAM). Chondroitin sulfate proteoglycan; binds to hyaluronic acid. [UniProt]
Calculated Mw	143 kDa
PTM	O-glycosylated. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG58510 anti-Neurocan antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human glioma tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG58510 anti-Neurocan antibody at 1 µg/ml dilution, overnight at 4°C.



ARG58510 anti-Neurocan antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue. Antigen Retrieval: Heat mediated was performed in Citrate buffer (pH 6.0, epitope retrieval solution) for 20 min. The tissue section was blocked with 10% goat serum. The tissue section was then stained with ARG58510 anti-Neurocan antibody at 1 µg/ml dilution, overnight at 4°C.