

Rabbit anti-Human, Rat NCAN Polyclonal Antibody | anti-NCAN antibody

NCAN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324898	Rabbit	Human, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

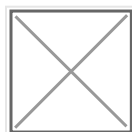
PRODUCT SYNONYMS

NCAN; Polyclonal Antibody; NCAN Antibody; Chondroitin sulfate proteoglycan 3; Cspg3; Ncan; NCAN_HUMAN; NEUR; Neurocan core protein; Neurocan proteoglycan; anti-NCAN antibody

PRODUCT SPECIFICATIONS

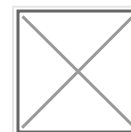
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NCAN antibody detects endogenous levels of total NCAN
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1321
Applicable Applications for anti-NCAN antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Extracellular Region or Secreted
Tissue Specificity	Brain.
Predicted Cross Reactivity	Bovine, Sheep, Rabbit
Similarity	Bovine (82%), Sheep (82%), Rabbit (86%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



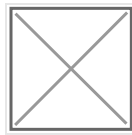
IF (Immunofluorescence)

AAA324898 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using NCAN antibody.



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using NCAN antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NCAN antibody

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.
Post-translational Modifications: O-glycosylated.
Similarity: Belongs to the aggrecan/versican proteoglycan family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118600983
NCBI GeneID	1463
NCBI Accession #	NP_004377.2
NCBI GenBank Nucleotide #	NM_004386.2
UniProt Accession #	O14594; Q9UPK6
Molecular Weight	Observed: 143 kD Predicted: 144 kDa
NCBI Official Full Name	neurocan core protein
NCBI Official Synonym Full Names	neurocan
NCBI Official Symbol	NCAN
NCBI Official Synonym Symbols	CSPG3
NCBI Protein Information	neurocan core protein
UniProt Protein Name	Neurocan core protein
UniProt Gene Name	NCAN
UniProt Synonym Gene Names	CSPG3; NEUR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ncan-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324898>