

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

Anti-NCAN Antibody, Rabbit Polyclonal

CATALOG # AAA256714	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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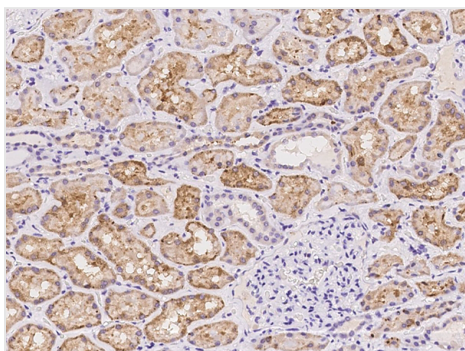
PRODUCT SYNONYMS

NCAN; Polyclonal Antibody; Anti-NCAN Antibody; Rabbit Polyclonal; NCAN Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CSPG3 Antibody; anti-NCAN antibody

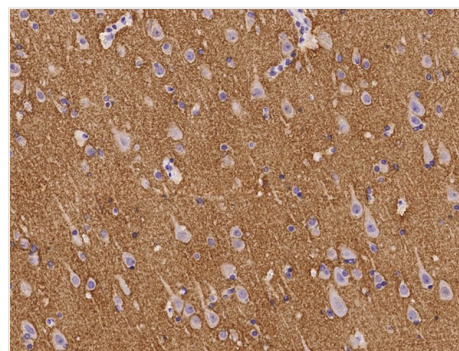
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NCAN
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-NCAN antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human NCAN fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human NCAN fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human NCAN in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human NCAN in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-NCAN antibody	Neurocan is a chondroitin sulfate proteoglycan thought to be involved in the modulation of cell adhesion and migration. NCAN encodes neurocan, a brain-specific chondroitin sulfate proteoglycan that influences neuronal adhesion and migration. Human neurocan shares 63% sequence identity with both mouse and rat neurocan proteins. Like other known proteoglycans, its N terminus contains an immunoglobulin domain and a series of hyaluronic acid-binding tandem repeats, and its C terminus contains an EGF-like domain, a lectin-like domain, and a complement regulatory-like domain. NCAN is one of the major inhibitory molecules for axon regeneration in nervous injury. NCAN, which stimulates neuroblastoma cells to promote malignant phenotypes, is an extracellular molecule providing a growth advantage to cancer cells.
References	Wang L, et al. (2018) Further evidence of an association between ncan rs1064395 and bipolar disorder. Mol Neuropsychiatry 4 (1): 30-34.Raum H, et al. (2015) A genome-wide supported psychiatric risk variant in ncan influences brain function and cognitive performance in healthy subjects. Hum Brain Mapp 36 (1): 378-390.Dannlowski U, et al. (2015) Ncan cross-disorder risk variant is associated with limbic gray matter deficits in healthy subjects and major depression. Neuropsychopharmacology 40 (11): 2510-2516.

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-immunohistochemistry-elisa/256714>