

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

NCDN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234589	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

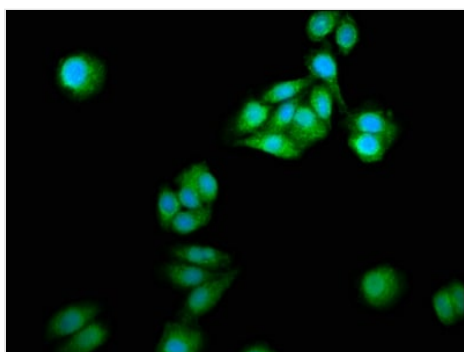
PRODUCT SYNONYMS

NCDN; Polyclonal Antibody; NCDN Antibody; Neurochondrin; KIAA0607; anti-NCDN antibody

PRODUCT SPECIFICATIONS

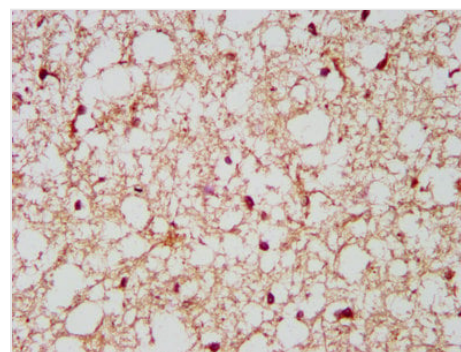
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	729
Applicable Applications for anti-NCDN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Neurochondrin protein (403-516AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



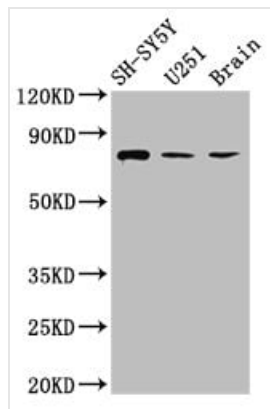
IHC (Immunohistochemistry)

Immunofluorescence staining of HepG2 cells with AAA234589 at 1:166, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234589 diluted at 1:500 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western Blot Positive WB detected in: SH-SY5Y whole cell lysate, U251 whole cell lysate, Rat brain tissue
All lanes: NCDN antibody at 2.6ug/ml
Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution
Predicted band size: 79, 78, 80 KDa
Observed band size: 79 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-NCDN antibody	Probably involved in signal transduction, in the nervous system, via increasing cell surface localization of GRM5 and positively regulating its signaling (By similarity). Required for the spatial learning process. Acts as a negative regulator of Ca(2+)-calmodulin-dependent protein kinase 2 (CaMK2) phosphorylation. May play a role in modulating melanin-concentrating hormone-mediated functions via its interaction with MCHR1 that interferes with G protein-coupled signal transduction. May be involved in bone metabolism. May also be involved in neurite outgrowth.
Product Categories/Family for anti-NCDN antibody	Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	62526029
NCBI GeneID	23154
NCBI Accession #	NP_001014839.1
NCBI GenBank Nucleotide #	NM_001014839.1
UniProt Accession #	Q9UBB6; Q9UBY2; Q9Y4A6; Q9Y4D9; D3DPR9
Molecular Weight	79,158 Da
NCBI Official Full Name	neurochondrin isoform 1
NCBI Official Synonym Full Names	neurochondrin
NCBI Official Symbol	NCDN
NCBI Protein Information	neurochondrin
UniProt Protein Name	Neurochondrin
UniProt Gene Name	NCDN
UniProt Synonym Gene Names	KIAA0607

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/ncdn-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234589>