

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

NDN Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234692	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

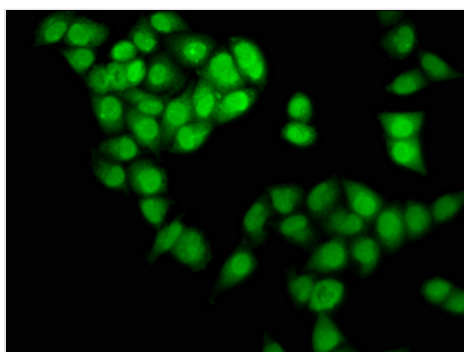
PRODUCT SYNONYMS

NDN; Polyclonal Antibody; NDN Antibody; Necdin; anti-NDN antibody

PRODUCT SPECIFICATIONS

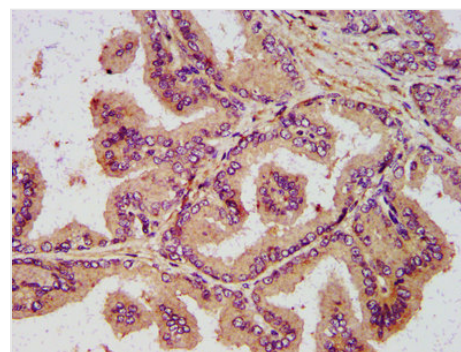
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	321
Applicable Applications for anti-NDN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Necdin protein (1-98AA)
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



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with AAA234692 at 1:133, 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 AAA234692 diluted at 1:400 and staining in paraffin-embedded human prostate 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.

ADDITIONAL INFORMATION

Related Product Information for anti-NDN antibody	Growth suppressor that facilitates the entry of the cell into cell cycle arrest. Functionally similar to the retinoblastoma protein it binds to and represses the activity of cell-cycle-promoting proteins such as SV40 large T antigen, adenovirus E1A, and the transcription factor E2F. Necdin also interacts with p53 and works in an additive manner to inhibit cell growth. Functions also as transcription factor and binds directly to specific guanosine-rich DNA sequences (By similarity).
Product Categories/Family for anti-NDN antibody	Epigenetics and Nuclear Signaling; Neuroscience; Cell biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505349
NCBI GeneID	4692
NCBI Accession #	NP_002478.1
NCBI GenBank Nucleotide #	NM_002487.2
UniProt Accession #	Q99608; B2R6Z5
Molecular Weight	36,086 Da
NCBI Official Full Name	necdin
NCBI Official Synonym Full Names	necdin, MAGE family member
NCBI Official Symbol	NDN
NCBI Official Synonym Symbols	PWCR; HsT16328
NCBI Protein Information	necdin
UniProt Protein Name	Necdin
UniProt Gene Name	NDN

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/ndn-antibody-immunofluorescence-immunohistochemistry-elisa/234692>