

Rabbit NEDD8 Polyclonal Antibody | anti-NEDD8 antibody

NEDD8 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284049	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rabbit, Rat)	Immunohistochemistry, ELISA, Western Blot

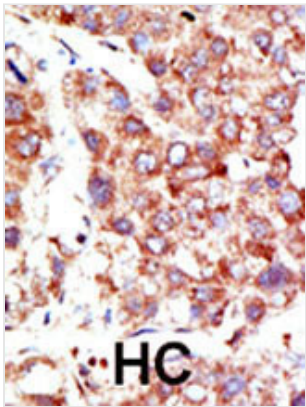
PRODUCT SYNONYMS

NEDD8; Polyclonal Antibody; NEDD8 Antibody (N-term); Neddylin; Neural precursor cell expressed developmentally down-regulated protein 8; NEDD-8; Ubiquitin-like protein Nedd8; anti-NEDD8 antibody

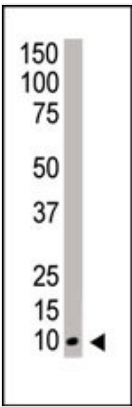
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rabbit, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NEDD8 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-32 amino acids from the N-terminal region of human NEDD8.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-32
Sequence Length	81
Applicable Applications for anti-NEDD8 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of NEDD8 polyclonal antibody in HeLa cell lysate. NEDD8 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-NEDD8 antibody	NEDD8 is a ubiquitin-like protein which plays an important role in cell cycle control and embryogenesis. Covalent attachment to its substrates requires prior activation by the E1 complex UBE1C-APPBP1 and linkage to the E2 enzyme UBE2M. Attachment of NEDD8 to cullins activates their associated E3 ubiquitin ligase activity, and thus promotes polyubiquitination and proteasomal degradation of cyclins and other regulatory proteins.
Product Categories/Family for anti-NEDD8 antibody	Cell Biology
References	Wu, K., et al., J. Biol. Chem. 278(31):28882-28891 (2003). Bohnsack, R.N., et al., J. Biol. Chem. 278(29):26823-26830 (2003). Fan, M., et al., Mol. Endocrinol. 17(3):356-365 (2003). Walden, H., et al., Nature 422(6929):330-334 (2003). Liu, J., et al., Mol. Cell 10(6):1511-1518 (2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453760
NCBI GeneID	4738
NCBI Accession #	NP_006147.1
NCBI GenBank Nucleotide #	NM_006156.2
UniProt Accession #	Q15843; Q3SXN8; Q6LES6
Molecular Weight	9072
NCBI Official Full Name	NEDD8
NCBI Official Synonym Full Names	neural precursor cell expressed, developmentally down-regulated 8
NCBI Official Symbol	NEDD8
NCBI Official Synonym Symbols	NEDD-8
NCBI Protein Information	NEDD8
UniProt Protein Name	NEDD8
UniProt Gene Name	NEDD8

UniProt Synonym Gene Names	NEDD-8
UniProt Entry Name	NEDD8_HUMAN

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://www.aaabiotech.com/polyclonal/nedd8-antibody-immunohistochemistry-western-blot-elisa/284049>