

Rabbit NEDD4 Polyclonal Antibody | anti-NEDD4 antibody

NEDD4 Antibody (C-term)

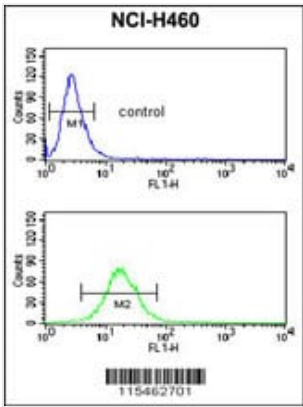
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285343	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

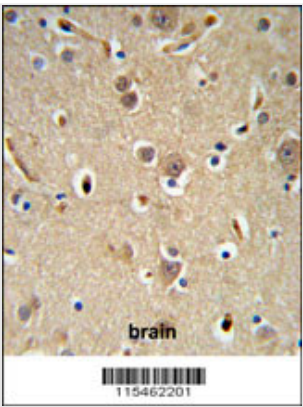
NEDD4; Polyclonal Antibody; NEDD4 Antibody (C-term); E3 ubiquitin-protein ligase NEDD4; 632-; Cell proliferation-inducing gene 53 protein; Neural precursor cell expressed developmentally down-regulated protein 4; NEDD-4; KIAA0093; NEDD4-1; anti-NEDD4 antibody

PRODUCT SPECIFICATIONS

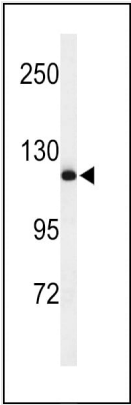
Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NEDD4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1288-1319 amino acids from the C-terminal region of human NEDD4.
Purity/Purification	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	1288-1319
Sequence Length	900
Applicable Applications for anti-NEDD4 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Cellular Location	Cytoplasm. Cell membrane; Peripheral membrane protein Note=Recruited to the plasma membrane by GRB10. Once complexed with GRB10 and IGF1R, follows IGF1R internalization, remaining associated with early endosomes. Uncouples from IGF1R-containing endosomes before the sorting of the receptor to the lysosomal compartment (By similarity). May be recruited to exosomes by NDFIP1. {ECO:0000250, ECO:0000269 PubMed:18819914}
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.



FCM/FACS (Flow Cytometry)
NEDD4 Antibody (C-term) flow cytometric analysis of NCI-H460 cells (bottom histogram) compared to a negative control cell (top histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
NEDD4 Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the NEDD4 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of NEDD4 Antibody (C-term) in mouse NIH-3T3 cell line lysates (35ug/lane). NEDD4 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-NEDD4 antibody	Nedd4 is one of a group of mouse genes that show developmentally regulated expression in mouse embryonic brain. Nedd4 is expressed in various other embryonic tissues and persists in most adult tissues.
Product Categories/Family for anti-NEDD4 antibody	Cell biology; Neuroscience
References	Lin, Q., et al. Mol. Cell. Biol. 30(6):1541-1554(2010) Crowther-Swanepoel, D., et al. Nat. Genet. 42(2):132-136(2010) Edwin, F., et al. J. Biol. Chem. 285(1):255-264(2010) Guo, Y.Y., et al. Zhongguo Yi Xue Ke Xue Yuan Xue Bao 31(6):679-685(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	114520609
NCBI GeneID	4734
NCBI Accession #	NP_006145.2; NP_940682.2
NCBI GenBank Nucleotide #	NM_006154.3
UniProt Accession #	P46934; A1KY35; A6ND72; A7MD29; B4E2R7; B7ZM59; B7ZM60; B9EGN5; D6RF89

Molecular Weight	149114
NCBI Official Full Name	E3 ubiquitin-protein ligase NEDD4 isoform 1
NCBI Official Synonym Full Names	neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase
NCBI Official Symbol	NEDD4
NCBI Official Synonym Symbols	RPF1; NEDD4-1
NCBI Protein Information	E3 ubiquitin-protein ligase NEDD4
UniProt Protein Name	E3 ubiquitin-protein ligase NEDD4
UniProt Gene Name	NEDD4
UniProt Synonym Gene Names	KIAA0093; NEDD4-1; NEDD-4
UniProt Entry Name	NEDD4_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/nedd4-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285343>