

Rabbit N4BP1 Polyclonal Antibody | anti-N4BP1 antibody

N4BP1 Antibody

CATALOG # AAA39777	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

N4BP1; Polyclonal Antibody; N4BP1 Antibody; KIAA0615; NEDD4-binding protein 1; NEDD4 binding protein 1; anti-N4BP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of N4BP1 are known to exist; this antibody will only detect the longest isoform.
Purity/Purification	N4BP1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	896
Applicable Applications for anti-N4BP1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	N4BP1 antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of human N4BP1.
Buffer	N4BP1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	N4BP1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



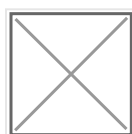
IF (Immunofluorescence)

Immunofluorescence of N4BP1 in HeLa cells with N4BP1 antibody at 20 µg/mL.



ICC (Immunocytochemistry)

Immunocytochemistry of N4BP1 in HeLa cells with N4BP1 antibody at 10 µg/mL.



WB (Western Blot)

Western blot analysis of N4BP1 in HeLa cell lysate with N4BP1 antibody at 0.5 µg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-N4BP1 antibody	N4BP1 Antibody: Nedd4-binding partner-1 (N4BP1) is a developmentally expressed protein interactor and monoubiquitylation substrate of Nedd4, a HECT domain-containing ubiquitin ligase that mediates ubiquitylation and proteasome degradation of target proteins and may have a fundamental role to play in embryonic processes. N4BP1 can undergo Nedd4-mediated polyubiquitylation and proteosomal degradation. N4BP1 also functions as a negative regulator of AIF4 (also known as ITCH or Atrophin-1), an E3-ubiquitin ligase, by interacting with the second WW domain of AIF4 and impairing ubiquitination of substrates.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48928019
NCBI GeneID	9683
NCBI Accession #	NP_694574
NCBI GenBank Nucleotide #	NM_153029.3
UniProt Accession #	O75113; Q2YDX1; A7MD49
Molecular Weight	100,379 Da
NCBI Official Full Name	NEDD4-binding protein 1
NCBI Official Synonym Full Names	NEDD4 binding protein 1
NCBI Official Symbol	N4BP1
NCBI Protein Information	NEDD4-binding protein 1
UniProt Protein Name	NEDD4-binding protein 1
UniProt Gene Name	N4BP1
UniProt Synonym Gene Names	KIAA0615; N4BP1
UniProt Entry Name	N4BP1_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://stage.aaabiotech.com/polyclonal/n4bp1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39777>