

Rabbit anti-Human N4BP1 Polyclonal Antibody | anti-N4BP1 antibody

N4BP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324884	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

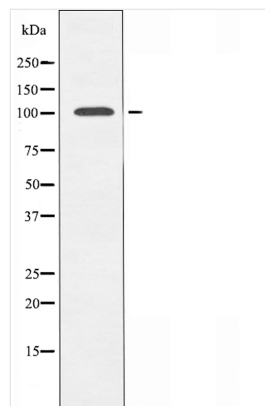
PRODUCT SYNONYMS

N4BP1; Polyclonal Antibody; N4BP1 Antibody; FLJ31821; KIAA0615; MGC176730; N4BP1_HUMAN; NEDD4 binding protein 1; NEDD4-binding protein 1; anti-N4BP1 antibody

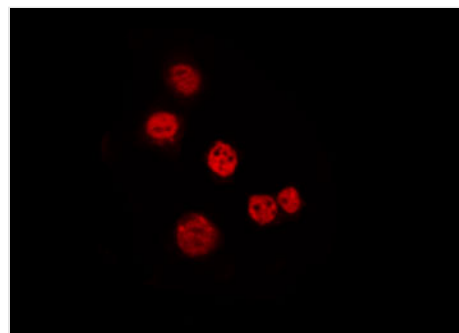
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	N4BP1 antibody detects endogenous levels of total N4BP1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	896
Applicable Applications for anti-N4BP1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human N4BP1, corresponding to a region within the internal amino acids.
Similarity	Belongs to the N4BP1 family.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from MCF-7 cells using N4BP1 antibody.


IF (Immunofluorescence)

AAA324884 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-N4BP1 antibody	Function: Inhibitor of the E3 ubiquitin-protein ligase ITCH. Acts by interacting with the second WW domain of ITCH, leading to compete with ITCH's substrates and impairing ubiquitination of substrates (By similarity). Subunit Structure: Interacts with NEDD4. Interacts with ITCH (via WW domain 2) (By similarity). Post-translational Modifications: Monoubiquitinated by NEDD4. Polyubiquitinated, leading to its degradation by the proteasome. Sumoylated with SUMO1, abrogating polyubiquitination and subsequent degradation. Desumoylated by SENP1, leading to accumulation in PML nuclear bodies (By similarity). Similarity: Belongs to the N4BP1 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48928019
NCBI GeneID	9683
NCBI Accession #	NP_694574.3
NCBI GenBank Nucleotide #	NM_153029.3
UniProt Accession #	O75113; Q2YDX1; A7MD49
Molecular Weight	100 KD
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

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-immunocytochemistry-immunofluorescence-western-blot-elisa/324884>