

Datasheet for ABIN6991485
anti-N4BP1 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	N4BP1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This N4BP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	N4BP1 antibody was raised against a 18 amino acid synthetic peptide near the amino terminus of human N4BP1. The immunogen is located within the first 50 amino acids of N4BP1.
Isotype:	IgG
Specificity:	At least three isoforms of N4BP1 are known to exist, this antibody will only detect the longest isoform.
Purification:	N4BP1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	N4BP1
Alternative Name:	N4BP1 (N4BP1 Products)

Target Details

Background: 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 proteasomal 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.

Gene ID: 9683

NCBI Accession: [NP_694574](#)

UniProt: [O75113](#)

Application Details

Application Notes: N4BP1 antibody can be used for detection of N4BP1 by Western blot at 0.5 µg/mL. Antibody can also be used for immunocytochemistry starting at 10 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: N4BP1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: N4BP1 antibody can be stored at 4°C for three months and -20°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.