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# N4BP1 Polyclonal Antibody

**Catalog Number** PA5-21099 Product data sheet

Details	
Size	100 μg
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Туре	Antibody
Immunogen	An 18 amino acid peptide near the amino terminus of human N4BP1.
Conjugate	Unconjugated
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C

Species Reactivity	
Species reactivity	Human, Mouse, Rat
Tested Applications	Dilution *
Western Blot (WB)	0.5 μg/mL
Immunocytochemistry (ICC/IF)	10 μg/mL

Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

## Product specific information

A suggested positive control is Hela cell lysate. PA5-21099 can be used with blocking peptide PEP-1213.

### Background/Target Information

Nedd4-binding partner-1 (N4BP1) is a developmentally expressed protein interactor and monoubiquitylation substrate of Nedd4, a HECT domaincontaining 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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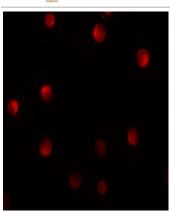
# Product Images For N4BP1 Polyclonal Antibody



#### N4BP1 Antibody (PA5-21099) in ICC/IF

Immunocytochemistry of N4BP1 in HeLa cells with N4BP1 Polyclonal Antibody (Product # PA5-21099) at 10 µg/mL.

# N4BP1 Antibody (PA5-21099) in ICC/IF



Immunofluorescence of N4BP1 in HeLa cells with N4BP1 Polyclonal Antibody (Product # PA5-21099) at 20 µg/mL.

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#### N4BP1 Antibody (PA5-21099) in WB

Western Blot analysis of N4BP1 in HeLa cell lysate with N4BP1 Polyclonal Antibody (Product # PA5-21099) at 0.5  $\mu$ g /mL in (A) the absence and (B) the presence of blocking peptide.

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