

N4BP3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5634a**Specification**

N4BP3 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	O15049
Other Accession	NP_055926.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	60470
Antigen Region	50-79

N4BP3 Antibody (N-term) - Additional Information**Gene ID** 23138**Other Names**

NEDD4-binding protein 3, N4BP3, N4BP3, KIAA0341

Target/Specificity

This N4BP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 50-79 amino acids from the N-terminal region of human N4BP3.

Dilution

WB~~1:1000

IHC-P~~1:50~100

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

N4BP3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

N4BP3 Antibody (N-term) - Protein Information**Name** N4BP3**Synonyms** KIAA0341

Function Plays a positive role in the antiviral innate immune signaling pathway. Mechanistically, interacts with MAVS and functions as a positive regulator to promote 'Lys-63'-linked polyubiquitination of MAVS and thus strengthens the interaction between MAVS and TRAF2 (PubMed:[34880843](#)). Also plays a role in axon and dendrite arborization during cranial nerve development. May also be important for neural crest migration and early development of other anterior structures including eye, brain and cranial cartilage (By similarity).

Cellular Location

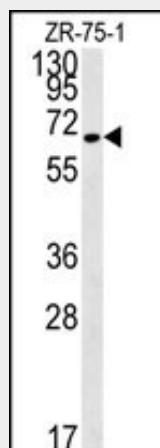
Cytoplasmic vesicle. Cell projection, axon {ECO:0000250|UniProtKB:Q3LUD3}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q3LUD3}. Note=In developing neurons, accumulates in early growth cones and at branching points of axons and dendrites {ECO:0000250|UniProtKB:Q3LUD3}

N4BP3 Antibody (N-term) - Protocols

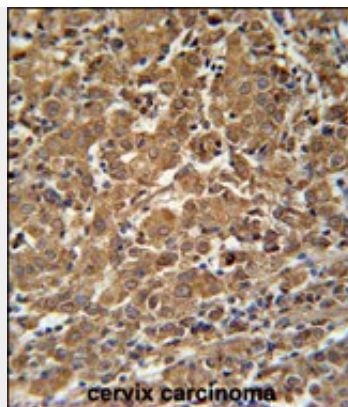
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

N4BP3 Antibody (N-term) - Images



N4BP3 Antibody (N-term) (Cat. #AP5634a) western blot analysis in ZR-75-1 cell line lysates (15ug/lane). This demonstrates the N4BP3 antibody detected the N4BP3 protein (arrow).



N4BP3 Antibody (N-term) (Cat. #AP5634a) immunohistochemistry analysis in formalin fixed and paraffin embedded human cervix carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the N4BP3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

N4BP3 Antibody (N-term) - References

Murillas, R., et al. J. Biol. Chem. 277(4):2897-2907(2002)