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N4BP3 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5634a

Product Information

Application	WB, IHC-P, E
Primary Accession	O15049
Other Accession	NP_055926.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27221
Calculated MW	60470
Antigen Region	50-79

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~~1:100~500 E~~Use at an assay dependent concentration.
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.

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).

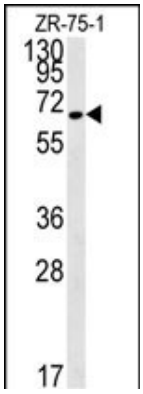
Cellular Location

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}

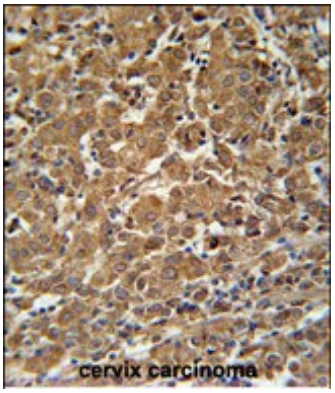
References

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

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.