

N4BP2 Rabbit pAb

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Catalog # AP57335

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q86UW6
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	198801
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human N4BP2
Epitope Specificity	281-380/1770
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a protein containing a polynucleotide kinase domain (PNK) near the N-terminal region, and a Small MutS Related (Smr) domain near the C-terminal region. The encoded protein can bind to both B-cell leukemia/lymphoma 3 (BCL-3) and neural precursor cell expressed, developmentally downregulated 4, (Nedd4) proteins. This protein binds and hydrolyzes ATP, may function as a 5'-polynucleotide kinase, and has the capacity to be a ubiquitylation substrate. This protein may play a role in transcription-coupled DNA repair or genetic recombination. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	55728
Other Names	NEDD4-binding protein 2, N4BP2, 3.-.-., BCL-3-binding protein, N4BP2, B3BP, KIAA1413
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	N4BP2
Synonyms	B3BP, KIAA1413
Function	Has 5'-polynucleotide kinase and nicking endonuclease activity. May play a role in DNA repair or recombination (PubMed: 12730195). May play a role in the non-stop mRNA decay pathway (NSD), which specifically targets and degrades mRNAs that lack a proper stop codon (PubMed: 40441874).
Cellular Location	Cytoplasm.

Background

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