

HINT3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13096a**Specification**

HINT3 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9NQE9
Other Accession	NP_612638.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20361
Antigen Region	19-47

HINT3 Antibody (N-term) - Additional Information**Gene ID** 135114**Other Names**

Histidine triad nucleotide-binding protein 3, HINT-3, 3---, HINT3

Target/Specificity

This HINT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 19-47 amino acids from the N-terminal region of human HINT3.

Dilution

WB~~1:1000

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

HINT3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HINT3 Antibody (N-term) - Protein Information**Name** HINT3

Function Exhibits adenosine 5'-monophosphoramidase activity, hydrolyzing purine nucleotide phosphoramidates with a single phosphate group such as adenosine 5'monophosphoramidate

(AMP-NH₂) to yield AMP and NH₂ (PubMed:[17870088](#)). Hydrolyzes lysyl-AMP (AMP-N-epsilon-(N-alpha-acetyl lysine methyl ester)) generated by lysine tRNA ligase (PubMed:[17870088](#)). Hydrolyzes 3-indolepropionic acyl-adenylate and fluorogenic purine nucleoside tryptamine phosphoramidates in vitro (PubMed:[17870088](#)).

Cellular Location

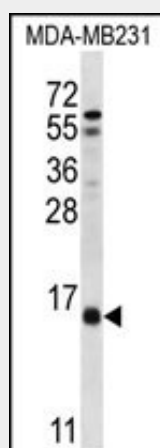
Cytoplasm. Nucleus. Note=Localized as aggregates in the cytoplasm and the nucleus

HINT3 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](#)

HINT3 Antibody (N-term) - Images



HINT3 Antibody (N-term) (Cat. #AP13096a) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the HINT3 antibody detected the HINT3 protein (arrow).

HINT3 Antibody (N-term) - Background

Histidine triad proteins, such as HINT3, are nucleotide hydrolases and transferases that act on the alpha-phosphate of ribonucleotides (Brenner, 2002 [PubMed 12119013]). [supplied by OMIM].

HINT3 Antibody (N-term) - References

Chou, T.F., et al. J. Mol. Biol. 373(4):978-989(2007)
Brenner, C. Biochemistry 41(29):9003-9014(2002)
Bieganski, P., et al. J. Biol. Chem. 277(13):10852-10860(2002)