

**HNRNPH3 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP17082c****Specification**

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**HNRNPH3 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P31942</a>
Other Accession	<a href="#">NP_036339.1</a> , <a href="#">NP_067676.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	36926
Antigen Region	90-117

**HNRNPH3 Antibody (Center) - Additional Information****Gene ID** 3189**Other Names**

Heterogeneous nuclear ribonucleoprotein H3, hnRNP H3, Heterogeneous nuclear ribonucleoprotein 2H9, hnRNP 2H9, HNRNPH3, HNRPH3

**Target/Specificity**

This HNRNPH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 90-117 amino acids from the Central region of human HNRNPH3.

**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**

HNRNPH3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**HNRNPH3 Antibody (Center) - Protein Information****Name** HNRNPH3**Synonyms** HNRPH3

**Function** Involved in the splicing process and participates in early heat shock-induced splicing arrest. Due to their great structural variations the different isoforms may possess different functions in the splicing reaction.

**Cellular Location**

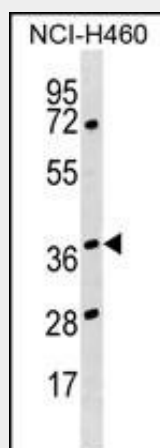
Nucleus.

**HNRNPH3 Antibody (Center) - 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](#)

**HNRNPH3 Antibody (Center) - Images**



HNRNPH3 Antibody (Center) (Cat. #AP17082c) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the HNRNPH3 antibody detected the HNRNPH3 protein (arrow).

**HNRNPH3 Antibody (Center) - Background**

This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has two repeats of quasi-RRM domains that bind to RNAs. It is localized in nuclear bodies of the nucleus. This protein is involved in the splicing process and it also participates in early heat shock-induced splicing arrest by transiently leaving the hnRNP

complexes. Several alternatively spliced transcript variants have been noted for this gene, however, not all are fully characterized.

#### **HNRNPH3 Antibody (Center) - References**

Miyasaka, T., et al. Cancer Sci. 99(4):755-761(2008)

Rikova, K., et al. Cell 131(6):1190-1203(2007)

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :

Olsen, J.V., et al. Cell 127(3):635-648(2006)

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