

HNRNPH3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17082c**Specification**

HNRNPH3 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [P31942](#)

HNRNPH3 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 3189

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HNRNPH3 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HNRNPH3 Antibody (Center) Blocking Peptide - Images

HNRNPH3 Antibody (Center) Blocking Peptide - 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-mRNA 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 heatshock-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) Blocking Peptide - 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) Olsen, J.V., et al. Cell 127(3):635-648(2006)