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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

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HNRNPH3 Antibody (Center) Blocking Peptide - Background

This gene belongs to the subfamily of ubiquitouslyexpressed heterogeneous nuclear ribonucleoproteins (hnRNPs). ThehnRNPs are RNA binding proteins and they complex with heterogeneousnuclear RNA (hnRNA). These proteins are associated with pre-mRNAsin the nucleus and appear to influence pre-mRNA processing andother aspects of mRNA metabolism and transport. While all of thehnRNPs are present in the nucleus, some seem to shuttle between thenucleus and the cytoplasm. The hnRNP proteins have distinct nucleicacid binding properties. The protein encoded by this gene has tworepeats of quasi-RRM domains that bind to RNAs. It is localized innuclear bodies of the nucleus. This protein is involved in thesplicing process and it also participates in early heatshock-induced splicing arrest by transiently leaving the hnRNPcomplexes. Several alternatively spliced transcript variants havebeen 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)