

HNRNPR Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17239a**Specification**

HNRNPR Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [O43390](#)**HNRNPR Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10236**Other Names**

Heterogeneous nuclear ribonucleoprotein R, hnRNP R, HNRNPR, HNRPR

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.

HNRNPR Antibody (N-term) Blocking Peptide - Protein Information**Name** HNRNPR**Synonyms** HNRPR**Function**

Component of ribonucleosomes, which are complexes of at least 20 other different heterogeneous nuclear ribonucleoproteins (hnRNP). hnRNP play an important role in processing of precursor mRNA in the nucleus.

Cellular LocationNucleus. Microsome {ECO:0000250|UniProtKB:Q7TMK9}. Nucleus, nucleoplasm. Cytoplasm
Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs. The tyrosine phosphorylated form bound to RNA is found in microsomes (By similarity).
{ECO:0000250|UniProtKB:Q7TMK9, ECO:0000269|PubMed:17289661}**HNRNPR Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

HNRNPR Antibody (N-term) Blocking Peptide - Images

HNRNPR Antibody (N-term) 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 three repeats of quasi-RRM domains that bind to RNAs and also contains a nuclear localization motif. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq].

HNRNPR Antibody (N-term) Blocking Peptide - References

Hadian, K., et al. J. Biol. Chem. 284(48):33384-33391(2009) Fukuda, A., et al. J. Biol. Chem. 284(35):23472-23480(2009) Tonevitsky, E.A., et al. Bull. Exp. Biol. Med. 147(6):733-736(2009) Wu, C., et al. Proteomics 7(11):1775-1785(2007) Szafranski, K., et al. Genome Biol. 8 (8), R154 (2007) :