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HNRPAB Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP5522a

Specification

HNRPAB Antibody (N-term) Blocking peptide - Product Information

Primary Accession	Q99729
Other Accession	NP_112556

HNRPAB Antibody (N-term) Blocking peptide - Additional Information

Gene ID 3182

Other Names
Heterogeneous nuclear ribonucleoprotein A/B, hnRNP A/B, APOBEC1-binding protein 1, ABBP-1, HNRNPAB, ABBP1, HNRPAB

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.

HNRPAB Antibody (N-term) Blocking peptide - Protein Information

Name HNRNPAB

Synonyms ABBP1, HNRPAB

Function
Binds single-stranded RNA. Has a high affinity for G-rich and U-rich regions of hnRNA. Also binds to APOB mRNA transcripts around the RNA editing site.

Cellular Location
Nucleus. Cytoplasm. Note=Localized in cytoplasmic mRNP granules containing untranslated mRNAs

Tissue Location
Ubiquitous.

HNRPAB Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

HNRPAB Antibody (N-term) Blocking peptide - Images

HNRPAB Antibody (N-term) Blocking peptide - Background

This gene belongs to the subfamily of ubiquitouslyexpressed heterogeneous nuclear ribonucleoproteins (hnRNPs). ThehnRNPs are produced by RNA polymerase II and are components of theheterogeneous nuclear RNA (hnRNA) complexes. They are associatedwith pre-mRNAs in the nucleus and appear to influence pre-mRNAprocessing and other aspects of mRNA metabolism and transport.While all of the hnRNPs are present in the nucleus, some seem toshuttle between the nucleus and the cytoplasm. The hnRNP proteinshave distinct nucleic acid binding properties. The protein encodedby this gene, which binds to one of the components of themultiprotein editosome complex, has two repeats of quasi-RRM (RNArecognition motif) domains that bind to RNAs.

HNRPAB Antibody (N-term) Blocking peptide - References

Jonson, L., et al. Mol. Cell Proteomics 6(5):798-811(2007)Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :Beausoleil, S.A., et al. Nat. Biotechnol. 24(10):1285-1292(2006)Ong, S.E., et al. Nat. Methods 1(2):119-126(2004)