

HNRPF Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP1703c**Specification**

HNRPF Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P52597](#)**HNRPF Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3185**Other Names**Heterogeneous nuclear ribonucleoprotein F, hnRNP F, Nucleolin-like protein mcs94-1,
Heterogeneous nuclear ribonucleoprotein F, N-terminally processed, HNRNPF, HNRPF**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1703c](/products/AP1703c) was selected from the Center region of human HNRPF. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

HNRPF Antibody (Center) Blocking Peptide - Protein Information**Name** HNRNPF**Synonyms** HNRPF**Function**

Component of the heterogeneous nuclear ribonucleoprotein (hnRNP) complexes which provide the substrate for the processing events that pre-mRNAs undergo before becoming functional, translatable mRNAs in the cytoplasm. Plays a role in the regulation of alternative splicing events. Binds G-rich sequences in pre-mRNAs and keeps target RNA in an unfolded state.

Cellular Location

Nucleus, nucleoplasm.

Tissue Location

Expressed ubiquitously.

HNRPF Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HNRPF Antibody (Center) Blocking Peptide - Images

HNRPF Antibody (Center) Blocking Peptide - Background

HNRPF belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and regulate alternative splicing, polyadenylation, 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 which have guanosine-rich sequences.

HNRPF Antibody (Center) Blocking Peptide - References

Chou,M.Y., Rooke,N. Mol. Cell. Biol. 19 (1), 69-77 (1999)Matunis,M.J., Xing,J. Nucleic Acids Res. 22 (6), 1059-1067 (1994)McDonald,H., Smailus,D. Genomics 13 (2), 344-348 (1992)