HNRNPF Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HNRNPF, Polyclonal Antibody
Full Product Name	HNRNPF
Product Gene Name	anti-HNRNPF antibody
Product Synonym Names	Purified Rabbit Anti Human HNRNPF Polyclonal antibody; HNRPF; mcs94-1; OK/SW-cl.23
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Already dissolved in sterile H2O with 1% BSA and 0.02% NaN3 and 50% Glycerol.
Purity/Purification	Purified By Antigen Affinity Column
Molecular Weight	48KD
OMIM	601037
3D Structure	ModBase 3D Structure for P52597
Immunogen	A peptide corresponding to the N terminal of human HNRNPF.
Cellular Localization	Nucleus, Spliceosome
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HNRNPF antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-HNRNPF antibody	ELISA: 1:20000-80000 WB: 1:200-1,000
Related Product Information for anti-HNRNPF antibody	Homo sapiens heterogeneous nuclear ribonucleoprotein F (HNRNPF), transcript variant 1, mRNA
Product References and Citations for anti-HNRNPF antibody	McDonald H, Smailus D, Jenkins H. et al. Identification and characterization of a gene at D10S94 in the MEN2A region. Genomics. 13(2):344-8 (1992)
Other Notes	Small volumes of anti-HNRNPF antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for HNRNPF purchase	MBS8560421 is an antibody targeting HNRNPF. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HNRNPF. It may not necessarily be applicable to this product.

NCBI GI #	148470406
NCBI GeneID	3185
UniProt Primary Accession #	P52597

UniProt Related Accession #	P52597
GenBank Nucleotide #	NM_001098208.1
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein F
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein F
NCBI Official Symbol	HNRNPF
NCBI Official Synonym Symbols	HNRPF; mcs94-1; OK/SW-cl.23
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein F
UniProt Synonym Protein Names	Nucleolin-like protein mcs94-1
Protein Family	Heterogeneous nuclear ribonucleoprotein
UniProt Gene Name	HNRNPF
UniProt Synonym Gene Names	HNRPF; hnRNP F
UniProt Entry Name	HNRPF_HUMAN
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein F
NCBI Summary for HNRNPF	This gene 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. This protein is very similar to the family member hnRPH. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]
UniProt Comments for HNRNPF	hnRNP F: 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. Protein type: RNA splicing; RNA-binding; Spliceosome Chromosomal Location of Human Ortholog: 10q11.21 Cellular Component: nucleoplasm; membrane; nucleus Molecular Function: protein binding; single-stranded RNA binding; RNA binding; nucleotide binding Biological Process: RNA processing; nuclear mRNA splicing, via spliceosome; regulation of RNA splicing; RNA splicing; gene expression
Research Articles on HNRNPF	**1.** Binding of the hnRNP F to the YAP 3'UTR was demonstrated by Cross-linked RNA Immunoprecipitation. hnRNP F and hnRNP U negatively regulate YAP expression.
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