

hnRNP F Rabbit pAb

Catalog # AP98435

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P52597
Other Accession	P52597
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45672
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human hnRNP F
Epitope Specificity	301-415/415
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 3 RRM (RNA recognition motif) domains.
SUBUNIT	Identified in the spliceosome C complex. Interacts with AGO1, AGO2, TBP and TXNL4/DIM1.
Post-translational modifications	Sumoylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	hnRNP F is part of the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). These are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA) and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. hnRNP F binds to RNAs which have guanosine-rich sequences.

Additional Information

Gene ID	3185
Other Names	HNRPF; OK/SW-cl.23; mcs94-1; 4833420I20Rik; HNRPF_BOVIN; HNRNPF; hnRNP F; HNRPF_HUMAN; Nucleolin-like protein mcs94-1; HNRPF_MOUSE; HNRPF_RAT; heterogeneous nuclear ribonucleoprotein F
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.