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hnRNP F Rabbit pAb

Catalog # AP98435

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P52597
Other Accession	P52597
Reactivity	Mouse
Predicted	Rat, Pig, Human, Rabbit, Dog
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'.