SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-hnRNP F/HRP Conjugated antibody

Catalog Number: SL4205R-HRP

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-hnRNP F/HRP
Immunogen:	KLH conjugated synthetic peptide derived from human hnRNP F
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human,Rat,Dog,Pig,Rabbit)
Background:	background: 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. **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. **Subunit:** Identified in the spliceosome C complex. Interacts with AGO1, AGO2, TBP and TXNL4/DIM1. **Subcellular Location:** Nucleus, nucleoplasm.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Tissue Specificity: Expressed ubiquitously. **Post-translational modifications:** Sumoylated. **Similarity:** Contains 3 RRM (RNA recognition motif) domains. **Database links:** **Entrez Gene:** 3185 Human **Entrez Gene:** 98758 Mouse **Entrez Gene:** 64200 Rat Omim: 601037 Human **SwissProt:** Q5E9J1 Cow **SwissProt:** P52597 Human **SwissProt:** Q9Z2X1 Mouse **SwissProt:** Q794E4 Rat **Unigene:** 712955 Human **Unigene:** 808 Human **Unigene:** 422979 Mouse **Unigene:** 476420 Mouse **Unigene:** 144596 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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