

Rabbit Anti-hnRNP F/APC Conjugated antibody

SL4205R-APC

Product Name	Anti-hnRNP F/APC
Chinese Name	APC 标记的异质核糖核蛋白 F 抗体
Alias	Heterogeneous nuclear ribonucleoprotein F; Heterogeneous nuclear ribonucleoprotein F; hnRNP F; HNRNPF; hnRP F; hnRPF; mcs94 1; MGC110997; Nucleolin like protein; Nucleolin like protein mcs94 1; OK/SW cl.23; Ribonucleoprotein F; HNRPF_HUMAN.
Research Area	Cell biology immunology Chromatin and nuclear signals
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Dog,Pig,Rabbit)
Applications	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	46kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human hnRNP F
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
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.
Product Detail	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.

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.