



Rabbit Anti-hnRNP F antibody

SL4205R

Product Name:	hnRNP F
Chinese Name:	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.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	46kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human hnRNP F:301-415/415
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% 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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

SWISS:

P52597

Gene ID:

3185

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

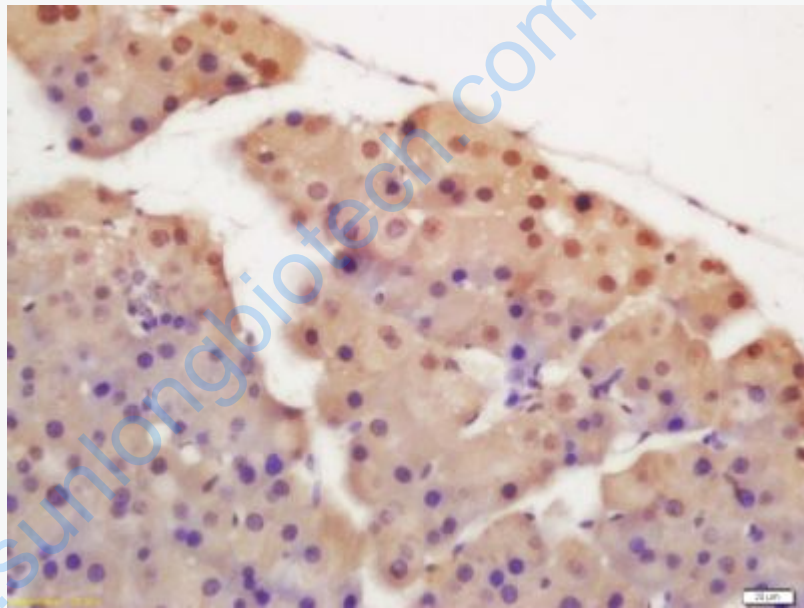
[Unigene: 422979](#)Mouse

[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.



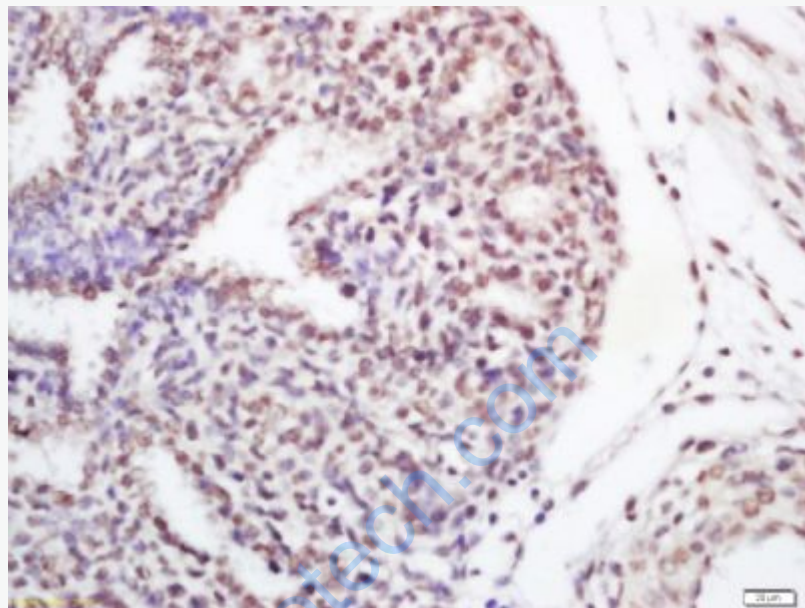
Picture:

Tissue/cell: mouse pancreas tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-hnRNP F Polyclonal Antibody, Unconjugated(SL4205R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and

DAB(C-0010) staining



Tissue/cell: mouse embryo tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-hnRNP F Polyclonal Antibody, Unconjugated(SL4205R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining