

Rabbit HNRNPF Polyclonal Antibody | anti-HNRNPF antibody

HNRNPF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327084	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

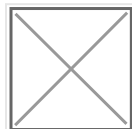
PRODUCT SYNONYMS

HNRNPF; Polyclonal Antibody; HNRNPF Antibody; Heterogeneous nuclear ribonucleoprotein F; hnRNP F; HnRNP F protein; Hnrnpf; HNRPF; HNRPF_HUMAN; mcs94 1; MGC110997; N-terminally processed; Nucleolin like protein; Nucleolin like protein mcs94 1; Nucleolin-like protein mcs94-1; OK/SW-cl.23; OTTHUMP00000019482; OTTHUMP00000043413; OTTHUMP00000043414; Ribonucleoprotein F; anti-HNRNPF antibody

PRODUCT SPECIFICATIONS

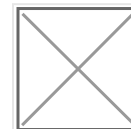
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	HNRNPF antibody detects endogenous levels of total HNRNPF
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	415
Applicable Applications for anti-HNRNPF antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HNRNPF
Subcellular Location	Nucleus > Nucleoplasm.
Tissue Specificity	Expressed ubiquitously.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327084 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA327084 at 1/100 staining Human breast cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of Hepg2 whole cell lysates, using HNRNPF Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-HNRNPF antibody	Description: This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins that complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and regulate alternative splicing, polyadenylation, and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNAs which have guanosine-rich sequences. This protein is very similar to the family member hnRPH. Multiple alternatively spliced variants, encoding the same protein, have been identified. 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 Structure: Identified in the spliceosome C complex. Interacts with AGO1, AGO2, TBP and TXNL4/DIM1. Post-translational Modifications: Sumoylated. Similarity: The N-terminal RRM domains are responsible for recognizing the G-tract of BCL-X RNA.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	148470404
NCBI GeneID	3185
NCBI Accession #	NP_001091674.1
NCBI GenBank Nucleotide #	NM_001098204.1
UniProt Accession #	P52597; Q5T0N2; Q96AU2; B3KM84
Molecular Weight	Observed: 45 kDa Predicted: 46 kDa
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein F
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein F
NCBI Official Symbol	HNRNPF
NCBI Official Synonym Symbols	HNRPF; mcs94-1; OK/SW-cl.23
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein F
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein F
UniProt Gene Name	HNRNPF
UniProt Synonym Gene Names	HNRPF; hnRNP F

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.