

Anti-HnRNP F Picoband Antibody

Catalog # ABO10324

Product Information

Application	WB, IHC-P
Primary Accession	P52597
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Heterogeneous nuclear ribonucleoprotein F(HNRNPF) detection. Tested with WB, IHC-P in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	3185
Other Names	Heterogeneous nuclear ribonucleoprotein F, hnRNP F, Nucleolin-like protein mcs94-1, Heterogeneous nuclear ribonucleoprotein F, N-terminally processed, HNRNPF, HNRPF
Calculated MW	45672
Application Details	Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Mouse, Rat, By Heat Western blot, 0.1-0.5 µg/ml, Human, Mouse, Rat
Subcellular Localization	Nucleus, nucleoplasm.
Tissue Specificity	Expressed ubiquitously.
Source	Eukaryota
Protein Name	Heterogeneous nuclear ribonucleoprotein F
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N.
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human HnRNP F (23-53aa SVEDVQNFLSDCTIHDGAAGVHFIYTREGRQ), different from the related mouse and rat sequences by two amino acids.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins

Storage	At -20 °C for one year. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
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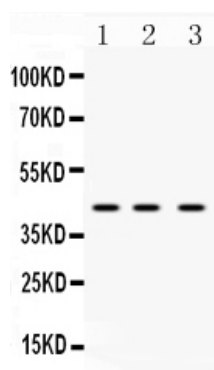
Protein Information

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.

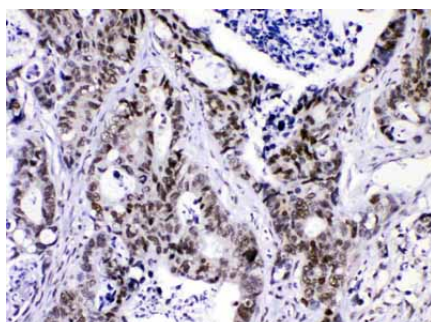
Background

Heterogeneous nuclear ribonucleoprotein F is a protein that in humans is encoded by the HNRNPF gene. 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.

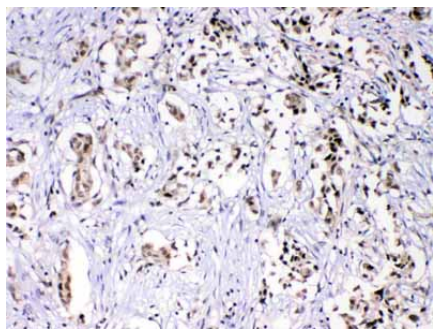
Images



Western blot analysis of HnRNP F expression in rat liver extract (lane 1), mouse spleen extract (lane 2) and HELA whole cell lysates (lane 3). HnRNP F at 45KD was detected using rabbit anti- HnRNP F Antigen Affinity purified polyclonal antibody (Catalog #ABO10324) at 0.5 µg/mL. The blot was developed using chemiluminescence (ECL) method .



HnRNP F was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- HnRNP F Antigen Affinity purified polyclonal antibody (Catalog # ABO10324) at 1 µg/mL. The immunohistochemical section was developed using SABC method .



HnRNPF was detected in paraffin-embedded sections of human mammary cancer tissues using rabbit anti-HnRNPF Antigen Affinity purified polyclonal antibody (Catalog # ABO10324) at 1 μ g/mL. The immunohistochemical section was developed using SABC method .

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.