

**Anti-HnRNP F Picoband Antibody**  
**Catalog # ABO10324****Specification**

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**Anti-HnRNP F Picoband Antibody - Product Information**

Application	WB, IHC-P
Primary Accession	<a href="#">P52597</a>
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.

**Anti-HnRNP F Picoband Antibody - 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 MW KDa

**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.

**Protein Name**

Heterogeneous nuclear ribonucleoprotein F

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Na<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the N-terminus of human HnRNP F (23-53aa SVEDVQNFLSDCTIHDGAAGVHFIYTREGHQ), 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.**

**Anti-HnRNP F Picoband Antibody - 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.

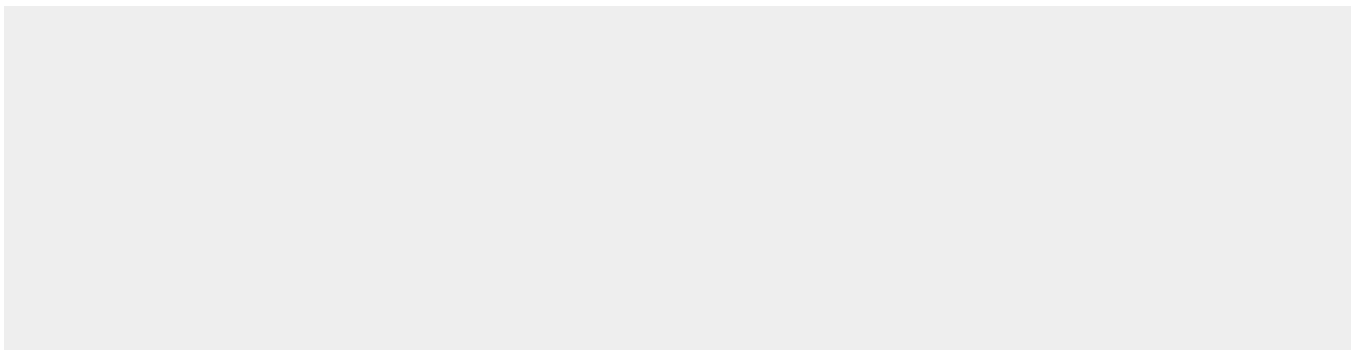
**Tissue Location**

Expressed ubiquitously.

**Anti-HnRNP F Picoband Antibody - Protocols**

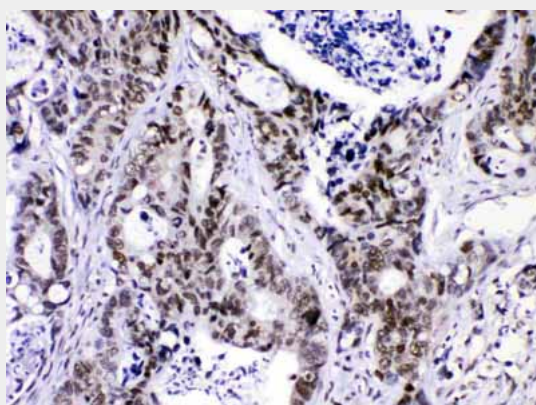
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

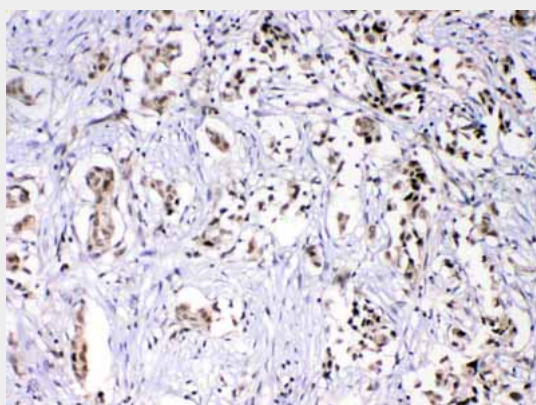
**Anti-HnRNP F Picoband Antibody - Images**



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  $\mu$ g/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  $\mu$ g/mL. The immunohistochemical section was developed using SABC method .



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

#### Anti-HnRNP F Picoband Antibody - 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.