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Anti-HnRNP F Picoband Antibody

Catalog # ABO10324

Specification

Anti-HnRNP F Picoband Antibody - 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.

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 Na2HPO4, 0.05mg NaN3.

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 r˚Constitution, 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 Cytomety
- Cell Culture

Anti-HnRNP F Picoband Antibody - Images

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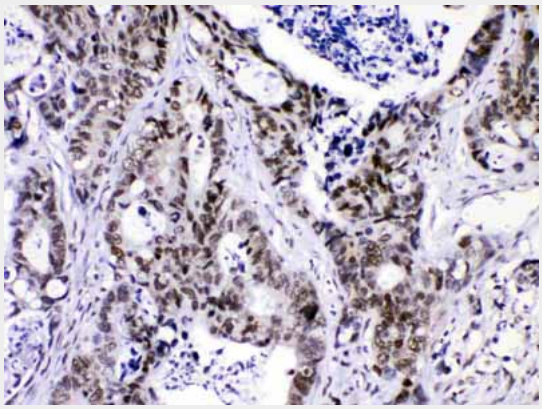
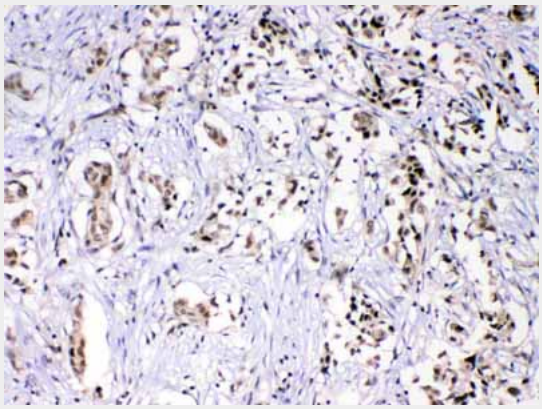
Western blot analysis of HnRNP F expression in rat liver extract (lane 1), mouse spleen extract (lane 2) and HELA whole cell lysates (lane 3). HnRNP F at 45KD was detected using rabbit anti-HnRNP F Antigen Affinity purified polyclonal antibody (Catalog #ABO10324) at 0.5 Î¼g/mL. The blot was developed using chemiluminescence (ECL) method .



HnRNPF was detected in paraffin-embedded sections of human intetsinal cancer tissues using rabbit anti- HnRNPF Antigen Affinity purified polyclonal antibody (Catalog # ABO10324) at 1 Î¼g/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 Î¼g/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.