

## Rabbit HnRNP F Polyclonal Antibody | anti-HNRNPF antibody

Heterogeneous nuclear ribonucleoprotein F

|                              |                       |                                        |                                                           |
|------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA46754</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

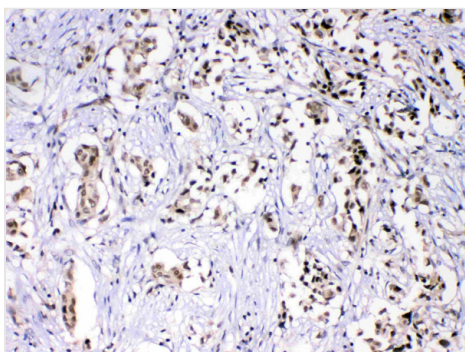
### PRODUCT SYNONYMS

HnRNP F; Polyclonal Antibody; Heterogeneous nuclear ribonucleoprotein F; hnRNP F; hnRNPF; HNRPF; mcs94 1; OK/SW-cl.23; Ribonucleoprotein F; P52597; heterogeneous nuclear ribonucleoprotein F; anti-HNRNPF antibody

### PRODUCT SPECIFICATIONS

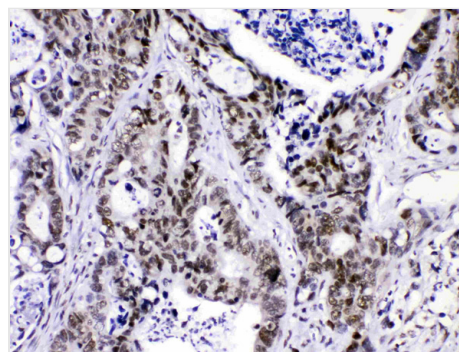
|                                                  |                                                                                                                                                                                                      |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                               |
| Reactivity                                       | Human, Mouse, Rat                                                                                                                                                                                    |
| Clonality                                        | Polyclonal                                                                                                                                                                                           |
| Isotype                                          | IgG                                                                                                                                                                                                  |
| Specificity                                      | No cross reactivity with other proteins                                                                                                                                                              |
| Purity/Purification                              | Immunogen affinity purified.                                                                                                                                                                         |
| Form/Format                                      | Lyophilized<br>Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.                                                                                                                   |
| Sequence Length                                  | 415                                                                                                                                                                                                  |
| Applicable Applications for anti-HNRNPF antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                        |
| Reconstitution                                   | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                 |
| 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. |
| Preparation and Storage                          | Store 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.                |

### IMAGES



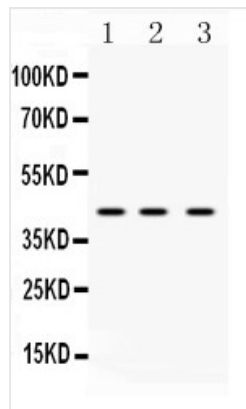
#### IHC (Immunohistochemistry)

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



#### IHC (Immunohistochemistry)

HnRNPF was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- HnRNPF Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



#### WB (Western Blot)

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 at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

### ADDITIONAL INFORMATION

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|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-HNRNPF antibody</b> | <p>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.</p> |
| <b>References</b>                                           | <ol style="list-style-type: none"> <li>1. "Entrez Gene: HNRPF heterogeneous nuclear ribonucleoprotein F".</li> <li>2. Honore B, Rasmussen HH, Vorum H, Dejgaard K, Liu X, Gromov P, Madsen P, Gesser B, Tommerup N, Celis JE (Jan 1996). "Heterogeneous nuclear ribonucleoproteins H, H', and F are members of a ubiquitously expressed subfamily of related but distinct proteins encoded by genes mapping to different chromosomes". J Biol Chem. 270 (48): 28780-9.</li> <li>3. Matunis MJ, Xing J, Dreyfuss G (1994). "The hnRNP F protein: unique primary structure, nucleic acid-binding properties, and subcellular localization.". Nucleic Acids Res. 22 (6): 1059-67.</li> </ol>                                                                                                                                                                                                                                                                                |

### 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            |
| 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                                    |

**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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hnmp-f-antibody-immunohistochemistry-western-blot-elisa/46754>