

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HSPB6 RABBIT PAB

Cat.#: S220614

Product Name: Anti-HSPB6 Rabbit Polyclonal Antibody

Synonyms: HEL55; Hsp20; PPP1R91

UNIPROT ID: 014558 (Gene Accession - NP_653218)

Background: The heat shock proteins (HSPs) comprise a group of highly conserved, abundantly expressed proteins with diverse functions, including the assembly and sequestering of multiprotein complexes, transportation of nascent poly-peptide chains across cellular membranes and regulation of protein folding. Heat shock proteins (also known as molecular chaperones) fall into six general families: HSP 90, HSP 70, HSP 60, the low molecular weight HSPs, the immunophilins and the HSP 110 family. The low molecular weight family includes HSP 10, HSP 20, HSP 27 (Heme Oxygenase 1), HSP 32 and HSP 40. HSP 20 occurs in two complex sizes, dimers and multimers. It is related to stress proteins and occurs most abundantly in skeletal muscle and heart. HSP 20 is considerably shorter at the C-terminus and less polar than other small heat shock proteins.

Immunogen: Synthetic peptide of human HSPB6

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-200;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

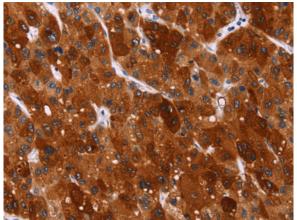
Research Areas: Signal Transduction, Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

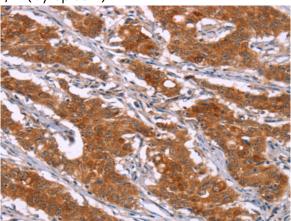


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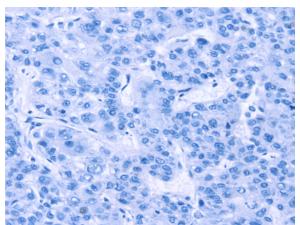
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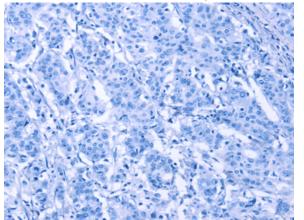
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220614(HSPB6 Antibody) at a dilution of 1/40(Cytoplasm).



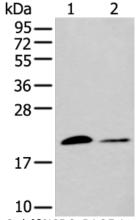
The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220614(Anti-HSPB6 Antibody) at dilution 1/40.



paraffin-embedded Human gastric cancer tissue paraffin-embedded Human gastric cancer tissue using 220614(Anti-HSPB6 Antibody) at a dilution of is first treated with synthetic peptide and then with D261767(Anti-HSPB6 Antibody) at dilution 1/40.



Gel: 12%SDS-PAGE, Lysate: 40 µg;

Lane 1-2: Rat heart tissue and Human heart tissue

Primary antibody: 220614(HSPB6 Antibody) at dilution 1/200;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 2 minutes



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