

HSPB7 Rabbit pAb

Catalog No.: A18450

Basic Information

Observed MW

19kDa

Calculated MW

19kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

Background

This gene encodes a small heat shock family B member that can heterodimerize with similar heat shock proteins. Defects in this gene are associated with advanced heart failure. In addition, the encoded protein may be a tumor suppressor in the p53 pathway, with defects in this gene being associated with renal cell carcinoma.

Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

Immunogen Information

Gene ID

27129

Swiss Prot

Q9UBY9

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human HSPB7 (NP_055239.1).

Synonyms

cvHSP; HSPB7

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

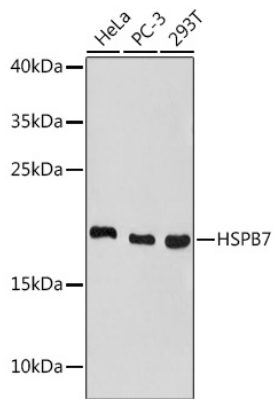
Affinity purification

Storage

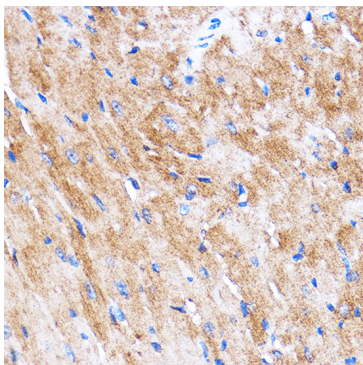
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

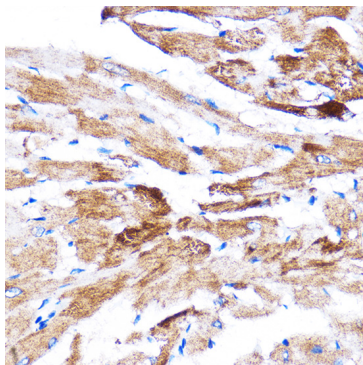
Validation Data



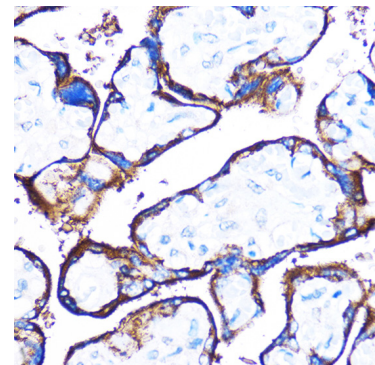
Western blot analysis of various lysates using HSPB7 Rabbit pAb (A18450) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Mouse heart using HSPB7 Rabbit pAb (A18450) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Rat heart using HSPB7 Rabbit pAb (A18450) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human placenta using HSPB7 Rabbit pAb (A18450) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.