

Rabbit HSPB7 Polyclonal Antibody | anti-HSPB7 antibody

HSPB7 Rabbit pAb

CATALOG # AAA281955	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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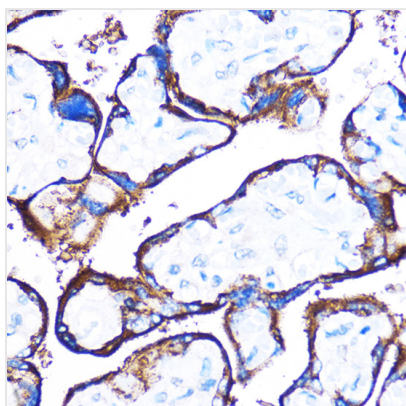
PRODUCT SYNONYMS

HSPB7; Polyclonal Antibody; HSPB7 Rabbit pAb; cvHSP; anti-HSPB7 antibody

PRODUCT SPECIFICATIONS

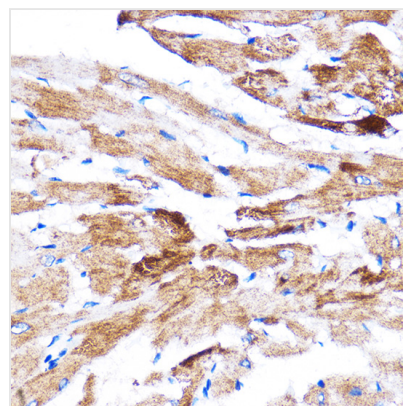
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-HSPB7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human HSPB7.
Positive Samples	HeLa, PC-3, 293T
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



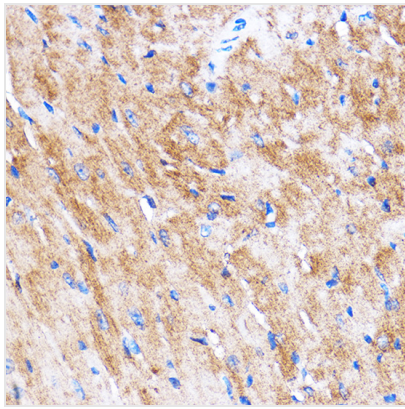
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human placenta using HSPB7 Rabbit pAb at dilution of 1:100 (40x lens).



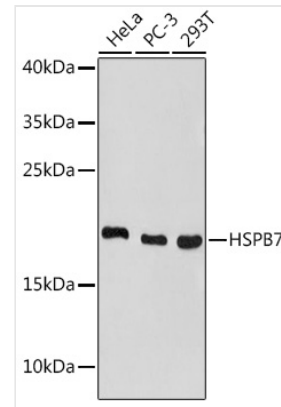
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat heart using HSPB7 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse heart using HSPB7 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-HSPB7 antibody	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.
Product Categories/Family for anti-HSPB7 antibody	Cell Biology & Developmental Biology ; Cytoskeleton ; Microfilaments ; Research ; Cardiovascular ; Heart ; Contractility

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657202
NCBI GeneID	27129
NCBI Accession #	NP_055239.1
NCBI GenBank Nucleotide #	NM_014424.4
UniProt Accession #	Q9UBY9; Q9NU17; B3KQ37; C9K0Y0
Molecular Weight	7,344 Da
NCBI Official Full Name	heat shock protein beta-7
NCBI Official Synonym Full Names	heat shock 27kDa protein family, member 7 (cardiovascular)
NCBI Official Symbol	HSPB7
NCBI Official Synonym Symbols	cvHSP
NCBI Protein Information	heat shock protein beta-7; cardiovascular heat shock protein; heat shock 27kD protein family, member 7 (cardiovascular)
UniProt Protein Name	Heat shock protein beta-7
UniProt Gene Name	HSPB7
UniProt Synonym Gene Names	CVHSP; HspB7; cvHsp
UniProt Entry Name	HSPB7_HUMAN

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.