

Anti-HSPB7 antibody (1-170) (STJ11100404)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

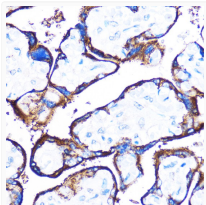
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 19kDa Observed Mw: 19kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

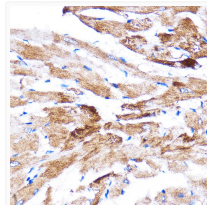
Gene ID	27129
Gene Symbol	HSPB7
UniProt ID	HSPB7_HUMAN
Immunogen Region	1-170
Immunogen Sequence	MSHRTSSTFRAERSFHSSSS SSSSSTSSASRALPAQDPP MEKALSMFSDDFGSFMRRPHS EPLAFPARPGGAGNIKTLGD AYEFAVDVDRDFSPEDIIVTT SNNHIEVRAEKLAADGTVMN TFAHKCQLPEDVDPTSVTSA LREDGSLTIRARRHPHTEHV QQTFRTEIKI
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-170 of human HSPB7 (NP_055239.1).

ADDITIONAL INFORMATION

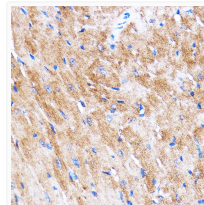
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



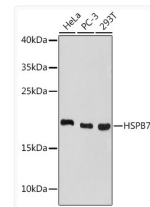
Immunohistochemistry analysis of HSPB7 in paraffin-embedded Human placenta using HSPB7 Rabbit polyclonal antibody (STJ11100404) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HSPB7 in paraffin-embedded Rat heart using HSPB7 Rabbit polyclonal antibody (STJ11100404) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of HSPB7 in paraffin-embedded Mouse heart using HSPB7 Rabbit polyclonal antibody (STJ11100404) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using HSPB7 Rabbit polyclonal antibody (STJ11100404) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.