Rabbit HSPB8/Cryac Polyclonal Antibody | anti-HSPB8 antibody

Anti-HSPB8/Cryac Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255176	**Rabbit**	**Human, Cynomolgus, Mouse, RatPredicted to React with: Bovin, Canine, Pongo abelii (Species predicted to react based on 100% sequence homology)**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry**

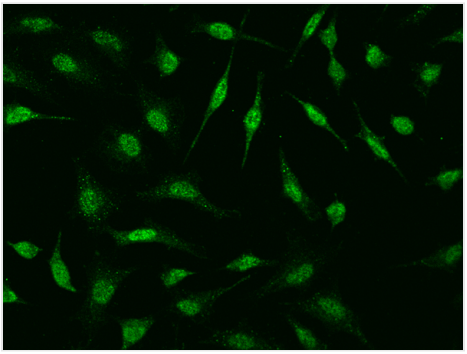
PRODUCT SYNONYMS

HSPB8/Cryac; Polyclonal Antibody; Anti-HSPB8/Cryac Antibody; Rabbit Polyclonal; HSPB8/Cryac Antibody; Rabbit PAb; Antigen Affinity Purified; heat shock 22kDa protein 8; Anti-CMT2L Antibody; Anti-DHMN2 Antibody; Anti-E2IG1 Antibody; Anti-H11 Antibody; Anti-HMN2 Antibody; Anti-HMN2A Antibody; Anti-HSP22 Antibody; anti-HSPB8 antibody

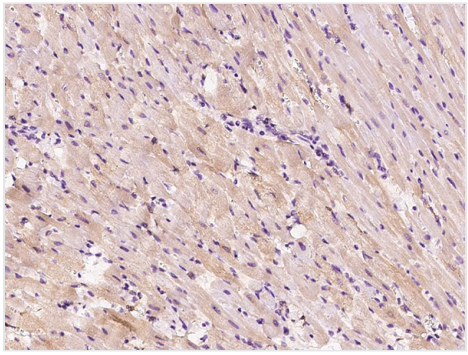
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Cynomolgus, Mouse, Rat Predicted to React with: Bovin, Canine, Pongo abelii (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human HSPB8/Cryac
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-HSPB8 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human HSPB8/Cryac
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human HSPB8/Cryac, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

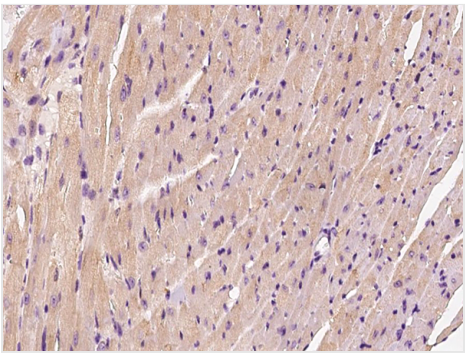
IMAGES



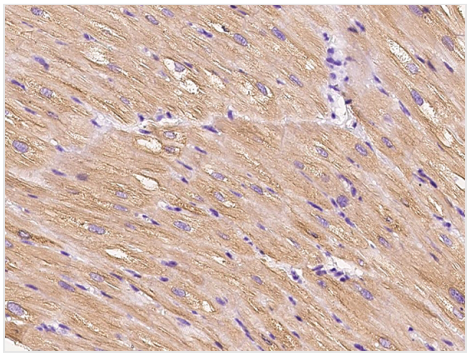
IF (Immunofluorescence)
Immunofluorescence staining of HSPB8 in HeLa cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-human HSPB8 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to nucleus and cytoplasm.



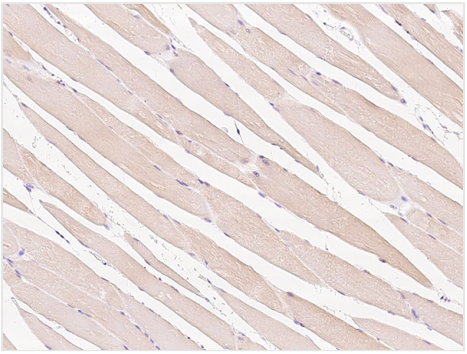
IHC (Immunohistochemistry)
Immunochemical staining HSPB8 in rat heart with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemisry)
Immunochemical staining HSPB8 in mouse heart with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohiostchemistry)
Immunochemical staining HSPB8 in cynomolgus heart with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
Immunochemical staining HSPB8 in human skeletal muscle with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13431576
NCBI GeneID	26353
UniProt Accession #	Q9UJY1; Q6FIH3; Q9UKS3; B2R6A6
Molecular Weight	196
NCBI Official Full Name	Heat shock protein beta-8
NCBI Official Synonym Full Names	heat shock 22kDa protein 8

NCBI Official Symbol	HSPB8
NCBI Official Synonym Symbols	H11; HMN2; CMT2L; DHMN2; E2IG1; HMN2A; HSP22
NCBI Protein Information	heat shock protein beta-8; protein kinase H11; alpha-crystallin C chain; E2-induced gene 1 protein; heat shock 27kDa protein 8; small stress protein-like protein HSP22
UniProt Protein Name	Heat shock protein beta-8
UniProt Gene Name	**HSPB8**
UniProt Synonym Gene Names	CRYAC; E2IG1; HSP22; HspB8
UniProt Entry Name	HSPB8_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.

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