

Rabbit HSPB8 Polyclonal Antibody | anti-HSPB8 antibody

HSPB8 antibody

CATALOG # AAA302705	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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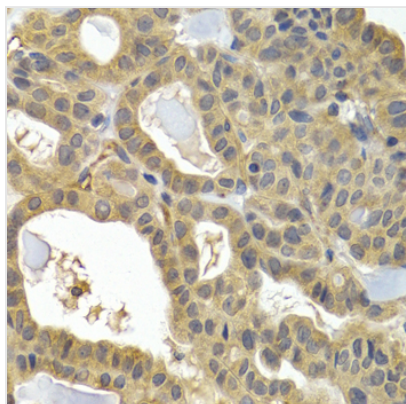
PRODUCT SYNONYMS

HSPB8; Polyclonal Antibody; HSPB8 antibody; H11; HMN2; CMT2L; DHMN2; E2IG1; HMN2A; HSP22; anti-HSPB8 antibody

PRODUCT SPECIFICATIONS

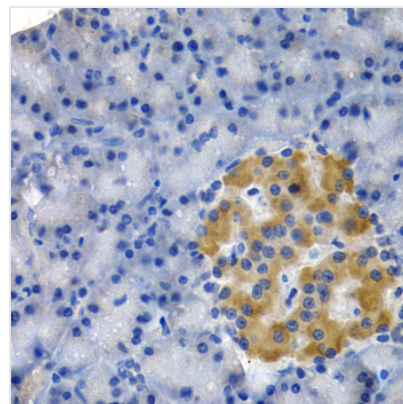
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total HSPB8 antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	196
Applicable Applications for anti-HSPB8 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human HSPB8.
Target Name	HSPB8
Preparation and Storage	Store at -20 degree C

IMAGES



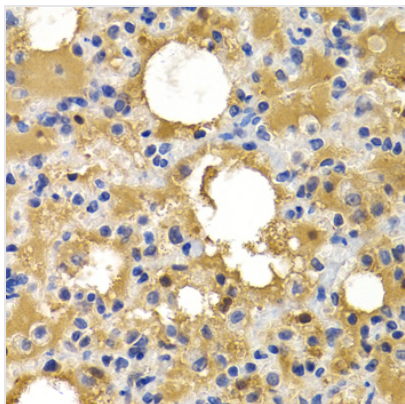
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human thyroid cancer using HSPB8 antibody at dilution of 1:200 (400x lens).



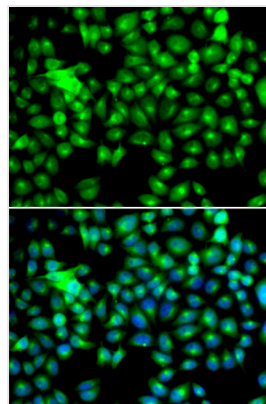
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat pancreas using HSPB8 antibody at dilution of 1:200 (400x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat lung using HSPB8 antibody at dilution of 1:200 (400x lens).



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using HSPB8 antibody. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-HSPB8 antibody	The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease.
Product Categories/Family for anti-HSPB8 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657146
NCBI GeneID	26353
NCBI Accession #	NP_055180.1
NCBI GenBank Nucleotide #	NM_014365.2
UniProt Accession #	Q9UJY1 ; Q6FIH3 ; Q9UKS3 ; B2R6A6
Molecular Weight	21,604 Da
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
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.

