

Rabbit HSPB8 Polyclonal Antibody | anti-HSPB8 antibody

HSPB8 Polyclonal Antibody

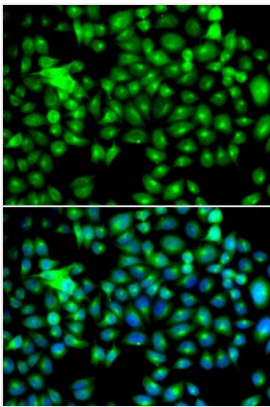
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10770	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

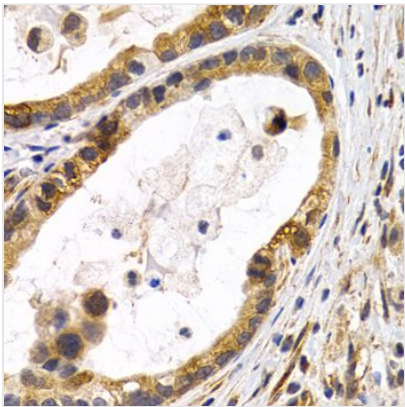
HSPB8; Polyclonal Antibody; HSPB8 Polyclonal Antibody; H11; HMN2; CMT2L; DHMN2; E2IG1; HMN2A; HSP22; anti-HSPB8 antibody

PRODUCT SPECIFICATIONS

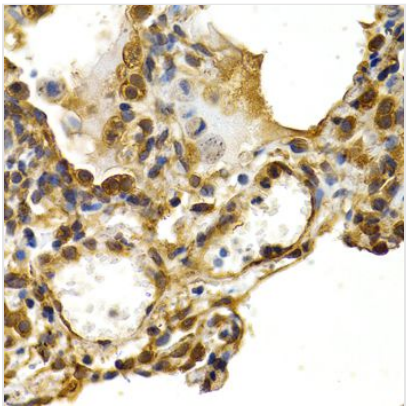
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/ml (varies by lot)
Sequence Length	196
Applicable Applications for anti-HSPB8 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF: 1:50 - 1:100
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human HSPB8
Calculated Molecular Weight	22kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.



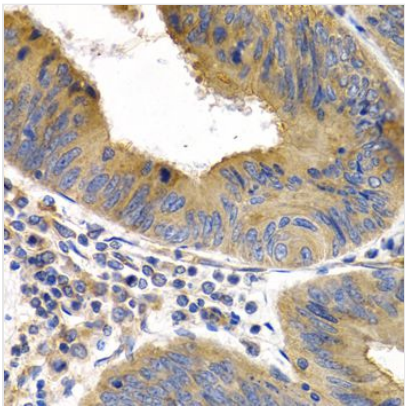
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using HSPB8 antibody. Blue: DAPI for nuclear staining.



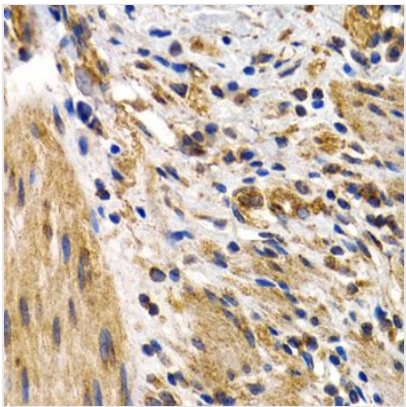
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human stomach cancer using HSPB8 antibody at dilution of 1:200 (40x lens).



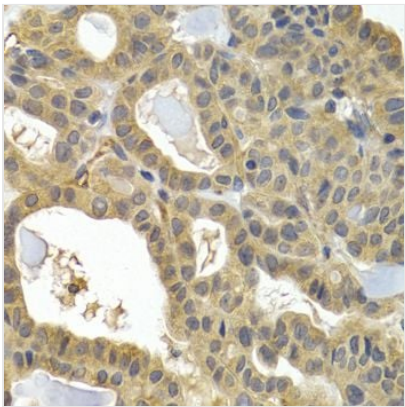
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human lung cancer using HSPB8 antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human colon cancer using HSPB8 antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human normal colon using HSPB8 antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human thyroid cancer using HSPB8 antibody at dilution of 1:200 (40x lens).

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	Polyclonal
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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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hspb8-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/10770>