

Rabbit HSPB8 Polyclonal Antibody | anti-HSPB8 antibody

HSPB8 Polyclonal Antibody

CATALOG # AAA170414	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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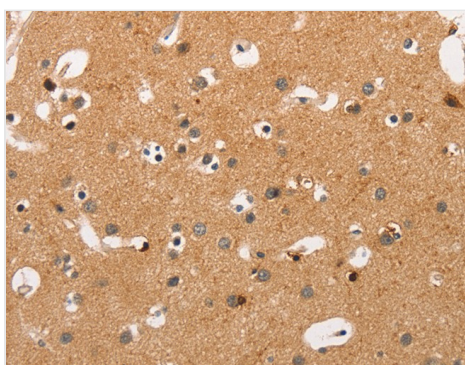
PRODUCT SYNONYMS

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

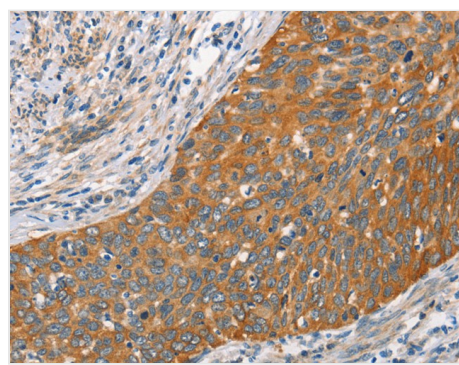
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2mg/mL (varies by lot)
Sequence Length	196
Applicable Applications for anti-HSPB8 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant protein of human HSPB8
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain tissue using HSPB8 Polyclonal Antibody at dilution 1:45


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using HSPB8 Polyclonal Antibody at dilution 1:45

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7657146
NCBI GeneID	26353
NCBI Accession #	NP_055180.1
NCBI GenBank Nucleotide #	NM_014365.2
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; E2-induced gene 1 protein; alpha-crystallin C chain; heat shock 27kDa protein 8; protein kinase H11; 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-immunohistochemistry-elisa/170414>