

Rabbit anti-Human HSPB1 Polyclonal Antibody | anti-HSPB1 antibody

HSPB1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175790	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

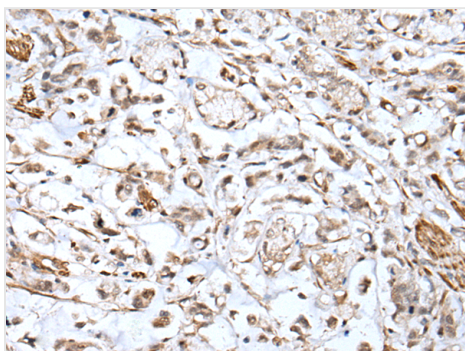
PRODUCT SYNONYMS

HSPB1; Polyclonal Antibody; HSPB1 Polyclonal Antibody; Heat shock 27kDa protein; 28 kDa heat shock protein; CMT2F; DKFZp586P1322; Epididymis secretory protein Li 102; Estrogen regulated 24 kDa protein; Estrogen-regulated 24 kDa protein; Heat shock 25kDa protein 1; Heat shock 27 kDa protein; Heat shock 27kD protein 1; Heat shock 27kDa protein 1; Heat shock 28kDa protein 1; Heat Shock Protein 27; Heat shock protein beta 1; Heat shock protein beta-1; Heat shock protein family B (small) member 1; HEL-S-102; HMN2B; HS.76067; Hsp 25; HSP 27; Hsp 28; Hsp B1; Hsp25; HSP27; Hsp28; HspB1; SRP27; Stress responsive protein 27; Stress-responsive protein 27; anti-HSPB1 antibody

PRODUCT SPECIFICATIONS

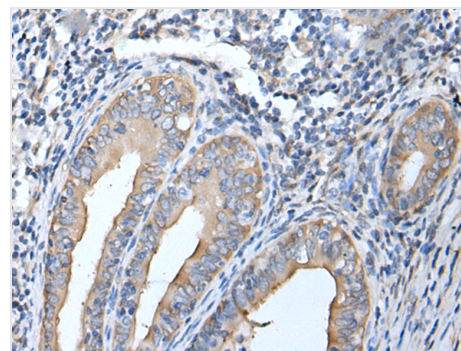
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.5mg/mL (varies by lot)
Sequence Length	205
Applicable Applications for anti-HSPB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human HSPB1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



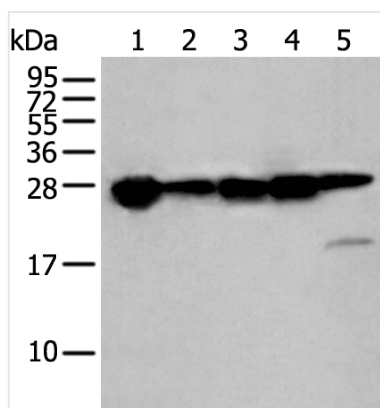
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using HSPB1 Polyclonal Antibody at dilution of 1:25(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using HSPB1 Polyclonal Antibody at dilution of 1:25(×200)



WB (Western Blot)

Western blot analysis of 293T cell lysates using HSPB1 Polyclonal Antibody at dilution of 1:250

ADDITIONAL INFORMATION

Related Product Information for anti-HSPB1 antibody	This gene encodes a member of the small heat shock protein (HSP20) family of proteins. In response to environmental stress, the encoded protein translocates from the cytoplasm to the nucleus and functions as a molecular chaperone that promotes the correct folding of other proteins. This protein plays an important role in the differentiation of a wide variety of cell types. Expression of this gene is correlated with poor clinical outcome in multiple human cancers, and the encoded protein may promote cancer cell proliferation and metastasis, while protecting cancer cells from apoptosis. Mutations in this gene have been identified in human patients with Charcot-Marie-Tooth disease and distal hereditary motor neuropathy.
Product Categories/Family for anti-HSPB1 antibody	Cancer ; Cardiovascular ; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504517
NCBI GeneID	3315
NCBI Accession #	NP_001531.1
NCBI GenBank Nucleotide #	NP_001531.1
UniProt Accession #	P04792
Molecular Weight	23 kDa
NCBI Official Full Name	heat shock protein beta-1
NCBI Official Synonym Full Names	heat shock protein family B (small) member 1
NCBI Official Symbol	HSPB1
NCBI Official Synonym Symbols	CMT2F; HMN2B; HSP27; HSP28; Hsp25; SRP27; HS.76067; HEL-S-102
NCBI Protein Information	heat shock protein beta-1
UniProt Protein Name	Heat shock protein beta-1
UniProt Gene Name	HSPB1
UniProt Synonym Gene Names	HSP27; HSP28; HspB1; HSP 27; SRP27
UniProt Entry Name	HSPB1_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.

