

Rabbit anti-Human Hsp27/HSPB1 Polyclonal Antibody | anti-HSPB1 antibody

Anti-Hsp27/HSPB1 Antibody, Rabbit Polyclonal

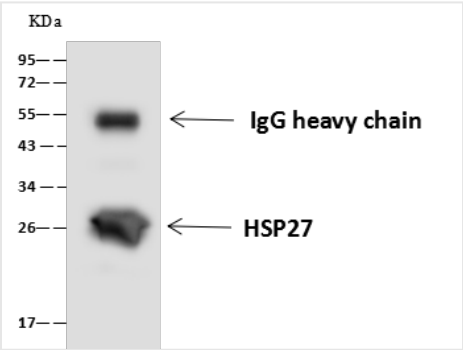
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254860	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

Hsp27/HSPB1; Polyclonal Antibody; Anti-Hsp27/HSPB1 Antibody; Rabbit Polyclonal; Hsp27/HSPB1 Antibody; Rabbit PAb; Antigen Affinity Purified; heat shock 27kDa protein 1; Anti-CMT2F Antibody; Anti-HEL-S-102 Antibody; Anti-HMN2B Antibody; Anti-HS.76067 Antibody; Anti-Hsp25 Antibody; Anti-HSP27 Antibody; Anti-HSP28 Antibody; Anti-SRP27 Antibody; anti-HSPB1 antibody

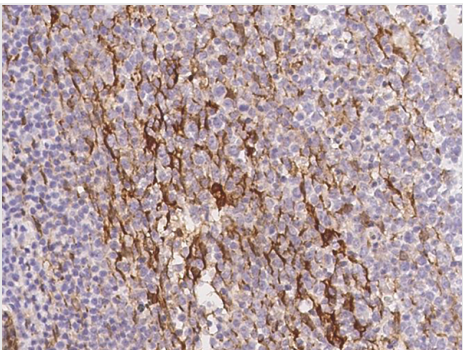
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Hsp27/HSPB1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-HSPB1 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Recombinant Human Hsp27/HSPB1 Protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human Hsp27/HSPB1 (rh Hsp27/HSPB1). Hsp27/HSPB1 specific IgG was purified by Human Hsp27/HSPB1 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. Preservative-Free. Avoid repeated freeze-thaw cycles.



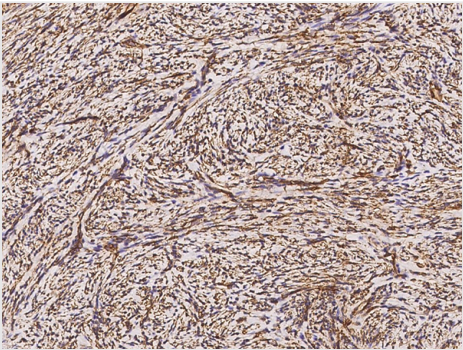
IP (Immunoprecipitation)

HSP27 was immunoprecipitated using: Lane A: 0.5 mg A549 Whole Cell Lysate 4 uL anti-HSP27 rabbit polyclonal antibody and 60 ug of Immnomagnetic beads Protein A/G. Primary antibody: Anti-HSP27 rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 26 kDa Observed band size :26 kDa



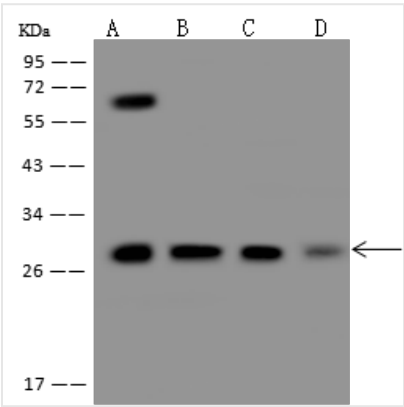
IHC (Immunohistochemistry)

Immunochemical staining of human Hsp27 in human tonsil with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human Hsp27 in human corpus uteri with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-HSP27 rabbit polyclonal antibody at 1:10000 dilution Lane A: Hela Whole Cell Lysate Lane B: A549 Whole Cell Lysate Lane C: A431 Whole Cell Lysate Lane D: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 27 kDa Observed band size: 27 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Product Categories/Family for anti-HSPB1 antibody	Cancer Drug Targets; VEGF Signaling Pathway
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504519
NCBI GeneID	3316
NCBI Accession #	NP_001532.1
NCBI GenBank Nucleotide #	NM_001541.3
UniProt Accession #	Q16082; Q6I9U7
Molecular Weight	20,233 Da
NCBI Official Full Name	heat shock protein beta-2
NCBI Official Synonym Full Names	heat shock 27kDa protein 2

NCBI Official Symbol	HSPB2
NCBI Official Synonym Symbols	MKBP; HSP27; Hs.78846; LOH11CR1K
NCBI Protein Information	heat shock protein beta-2; DMPK-binding protein; heat-shock protein beta-2
UniProt Protein Name	Heat shock protein beta-2
UniProt Gene Name	HSPB2
UniProt Synonym Gene Names	HspB2; MKBP
UniProt Entry Name	HSPB2_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/hsp27-hspb1-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/254860>