

Rabbit HSP27/HSPB1 Polyclonal Antibody | anti-HSP27/HSPB1 antibody

HSP27/HSPB1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282233	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot

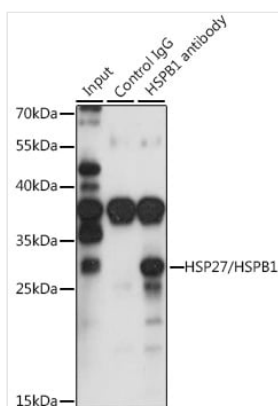
PRODUCT SYNONYMS

HSP27/HSPB1; Polyclonal Antibody; HSP27/HSPB1 Rabbit pAb; HSPB1; CMT2F; HEL-S-102; HMN2B; HS.76067; HSP27; HSP28; Hsp25; SRP27; heat shock protein beta-1; anti-HSP27/HSPB1 antibody

PRODUCT SPECIFICATIONS

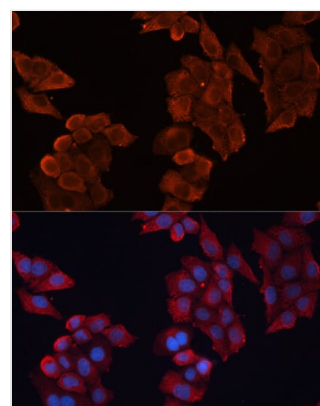
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-HSP27/HSPB1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	HepG2, HeLa
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human HSP27/HSPB1 (NP_001531.1).
Cellular Location	Cytoplasm, Nucleus, cytoskeleton, spindle
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



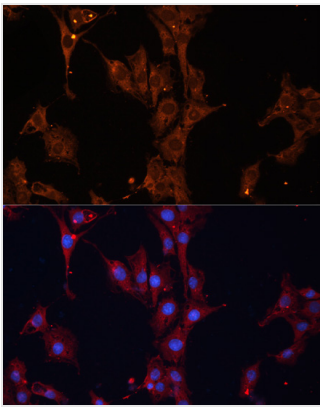
IP (Immunoprecipitation)

Immunoprecipitation analysis of 200ug extracts of HepG2 cells, using 3 ug HSP27/HSP27/HSPB1 antibody. Western blot was performed from the immunoprecipitate using HSP27/HSP27/HSPB1 antibody at a dilution of 1:1000.



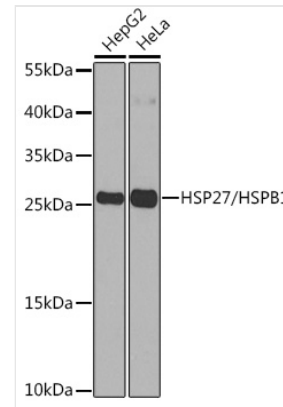
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using HSP27/HSP27/HSPB1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using HSP27/HSP27/HSPB1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using HSP27/HSP27/HSPB1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-HSP27/HSPB1 antibody	The protein encoded by this gene is induced by environmental stress and developmental changes. The encoded protein is involved in stress resistance and actin organization and translocates from the cytoplasm to the nucleus upon stress induction. Defects in this gene are a cause of Charcot-Marie-Tooth disease type 2F (CMT2F) and distal hereditary motor neuropathy (dHMN).
Product Categories/Family for anti-HSP27/HSPB1 antibody	Epigenetics & Nuclear Signaling; RNA Binding; Cancer; Tumor biomarkers; Signal Transduction; MAPK-P38 Signaling Pathway; Cell Biology & Developmental Biology; Apoptosis; Inhibition of Apoptosis; Cytoskeleton; Actins; Stem Cells; Cardiovascular; Heart; Con

NCBI AND UNIPROT INFORMATION

NCBI GI #	1002225765
NCBI GeneID	4327485
NCBI Accession #	XP_015623706.1
NCBI GenBank Nucleotide #	XM_015768220.1
UniProt Accession #	Q52QH4; Q0JI97; Q7F353; Q9MBC6
Molecular Weight	35,347 Da
NCBI Official Full Name	NAC domain-containing protein 68
NCBI Official Symbol	LOC4327485
NCBI Official Synonym Symbols	NAC4; NAC68; ONAC068; B1148D12.1
NCBI Protein Information	NAC domain-containing protein 68
UniProt Protein Name	NAC domain-containing protein 68
UniProt Gene Name	NAC068
UniProt Synonym Gene Names	ONAC068

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-immunocytochemistry-immunofluorescence-western-blot-elisa/282233>