

Rabbit anti-Human HSP27 Polyclonal Antibody | anti-HSP27 antibody

Rabbit anti-HSP27 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212876	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

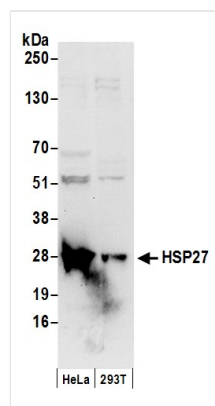
PRODUCT SYNONYMS

HSP27; Polyclonal Antibody; Rabbit anti-HSP27 Antibody; Affinity Purified; HSP 27; Hsp25; HSP28; HspB1; stress-responsive protein 27; HS.76067; estrogen-regulated 24 kDa protein; SRP27; HMN2B; HEL-S-102; heat shock protein beta-1; heat shock 27kDa protein 1; heat shock 27 kDa protein; epididymis secretory protein Li 102; CMT2F; 28 kDa heat shock protein; heat shock 27kD protein 1; Heat shock protein beta-1; heat shock protein family B (small) member 1; anti-HSP27 antibody

PRODUCT SPECIFICATIONS

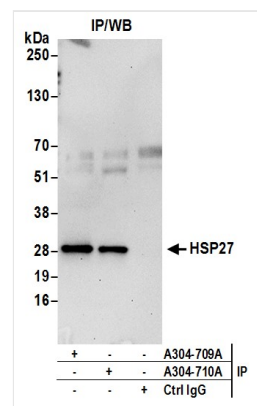
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HSP27 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 155 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



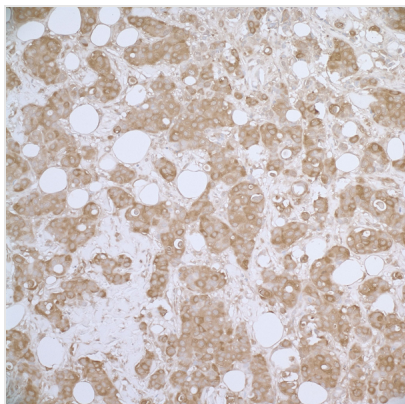
WB (Western Blot)

Detection of human HSP27 by western blot. Samples: Whole cell lysate (50 ug) from HeLa and 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HSP27 antibody AAA212876 (lot AAA212876-1) used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

Detection of human HSP27 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HSP27 antibody AAA212876 (lot AAA212876-1) used for IP at 6 ug per reaction. HSP27 was also immunoprecipitated by rabbit anti-HSP27 antibody For blotting immunoprecipitated HSP27, AAA212876 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IHC (Immunohistochemistry)

Detection of human HSP27 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-HSP27 (Cat. No. AAA212876 Lot1) used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-HSP27 antibody	Heat shock protein 27 (HSP27) is involved in stress resistance and actin organization [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P04792].
Product Categories/Family for anti-HSP27 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504517
NCBI GeneID	3315
NCBI Accession #	NP_001531.1
NCBI GenBank Nucleotide #	NM_001540.3
UniProt Accession #	P04792 ; Q6FI47 ; Q96C20 ; Q96EI7 ; Q9UC31 ; Q9UC34 ; Q9UC35 ; Q9UC36 ; B2R4N8
Molecular Weight	22,783 Da
NCBI Official Full Name	heat shock protein beta-1
NCBI Official Synonym Full Names	heat shock 27kDa protein 1
NCBI Official Symbol	HSPB1
NCBI Official Synonym Symbols	CMT2F; HMN2B; HSP27; HSP28; Hsp25; SRP27; HS.76067
NCBI Protein Information	heat shock protein beta-1; HSP 27; 28 kDa heat shock protein; heat shock 27 kDa protein; heat shock 27kD protein 1; stress-responsive protein 27; estrogen-regulated 24 kDa protein
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hsp27-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/212876>