

Rabbit anti-Human HSF1 Polyclonal Antibody | anti-HSF1 antibody

Rabbit anti-HSF1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212133	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

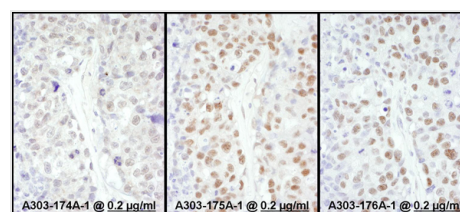
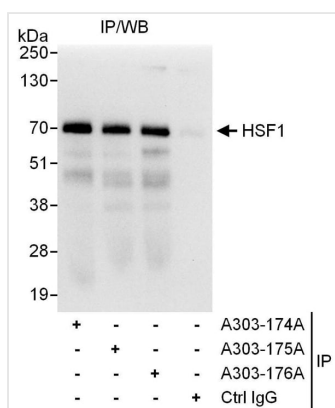
PRODUCT SYNONYMS

HSF1; Polyclonal Antibody; Rabbit anti-HSF1 Antibody; Affinity Purified; HSTF1; heat shock factor protein 1; Heat shock transcription factor 1; HSF 1; HSTF 1; Heat shock factor protein 1; heat shock transcription factor 1; anti-HSF1 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-HSF1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Immunogen	Between 225 and 275
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES

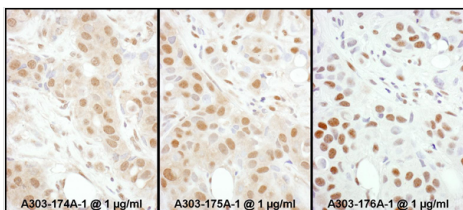


IHC (Immunohistochemistry)

Detection of human HSF1 by immunohistochemistry. Samples: FFPE sections of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-HSF1 Cat. No. AAA212133 Lot1 used at a dilution of 1:5,000 (0.2ug/ml) (left), Cat. No. Lot1 used at a dilution of 1:5,000 (0.2ug/ml) (center) and Cat. No. Lot1 used at a dilution of 1:1,000 (0.2ug/ml) (right). Detection: DAB

IP (Immunoprecipitation)

Detection of human HSF1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-HSF1 antibody AAA212133 used for IP at 6 ug/mg lysate. HSF1 was also immunoprecipitated by rabbit anti-HSF1 antibodies and which recognize downstream epitopes. For blotting immunoprecipitated HSF1, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IHC (Immunohistochemistry)

Detection of human HSF1 by immunohistochemistry. Samples: FFPE sections of human breast carcinoma. Antibody: Affinity purified rabbit anti-HSF1 Cat. No. AAA212133 Lot1 used at a dilution of 1:1,000 (1µg/ml) (left), Cat. No. Lot1 used at a dilution of 1:1,000 (1µg/ml) (center) and Cat. No. Lot1 used at a dilution of 1:200 (1µg/ml) (right). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-HSF1 antibody	Heat shock factor protein 1 (HSF1) is a DNA-binding protein that specifically binds heat shock promoter elements (HSE) and activates transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q00613].
Product Categories/Family for anti-HSF1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031767
NCBI GeneID	3297
NCBI Accession #	NP_005517.1
NCBI GenBank Nucleotide #	NM_005526.2
UniProt Accession #	Q00613 ; Q53XT4 ; A8K4L0 ; A8MW26
Molecular Weight	57,260 Da
NCBI Official Full Name	heat shock factor protein 1
NCBI Official Synonym Full Names	heat shock transcription factor 1
NCBI Official Symbol	HSF1
NCBI Official Synonym Symbols	HSTF1
NCBI Protein Information	heat shock factor protein 1; HSF 1; HSTF 1
UniProt Protein Name	Heat shock factor protein 1
UniProt Gene Name	HSF1
UniProt Synonym Gene Names	HSTF1; HSF 1; HSTF 1
UniProt Entry Name	HSF1_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://www.aaabiotech.com/polyclonal/hsf1-antibody-immunohistochemistry-immunoprecipitation-elisa/212133>