

Rabbit anti-Human, Rat HSPA2 Polyclonal Antibody | anti-HSPA2 antibody

HSPA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA118331	Rabbit	Human, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

HSPA2; Polyclonal Antibody; HSPA2 Antibody; Heat shock 70 kDa protein 2; anti-HSPA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	639
Applicable Applications for anti-HSPA2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Heat shock-related 70 kDa protein 2 protein (400-639aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-160010
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



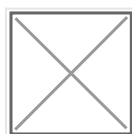
IP (Immunoprecipitation)

Immunoprecipitating HSPA2 in Hela whole cell lysate Lane 1: Rabbit monoclonal IgG(1ug) instead of AAA118331 in Hela whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the Secondary antibody (1/50000) Lane 2: AAA118331(4ug)+ Hela whole cell lysate(500ug) Lane 3: Hela whole cell lysate (20ug)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA118331 at dilution 1:100



WB (Western Blot)

Western blot All lanes: HSPA2 antibody at 6ug/mL Lane 1: A431 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: Rat brain tissue Secondary Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 70kDa Observed band size: 70kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA2 antibody	In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13676857
NCBI GeneID	3306
NCBI Accession #	NP_068814.2
NCBI GenBank Nucleotide #	NM_021979.3
UniProt Accession #	P54652; Q15508; Q53XM3; Q9UE78
Molecular Weight	70,021 Da
NCBI Official Full Name	heat shock-related 70 kDa protein 2
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 2
NCBI Official Symbol	HSPA2
NCBI Official Synonym Symbols	HSP70-2; HSP70-3
NCBI Protein Information	heat shock-related 70 kDa protein 2
UniProt Protein Name	Heat shock-related 70 kDa protein 2
UniProt Gene Name	HSPA2
UniProt Synonym Gene Names	Heat shock 70 kDa protein 2
UniProt Entry Name	HSP72_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/hspa2-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/118331>