

Rabbit HSPA2 Polyclonal Antibody | anti-HSPA2 antibody

HSPA2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200493	Rabbit	Cow, Dog, Goat, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat	Western Blot

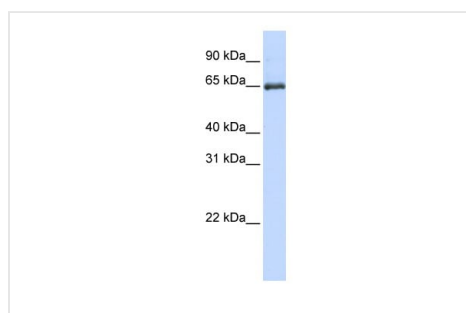
PRODUCT SYNONYMS

HSPA2; Polyclonal Antibody; HSPA2 antibody - middle region; anti-HSPA2 antibody

PRODUCT SPECIFICATIONS

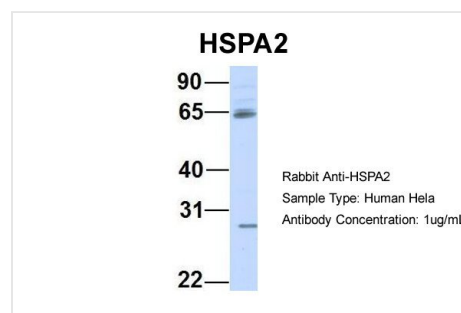
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: ITNDKGRLSK DDIDRMVQEA ERYKSEDEAN RDRVAAKNAL ESYTYNIK
Sequence Length	639
Applicable Applications for anti-HSPA2 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 79%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human HSPA2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



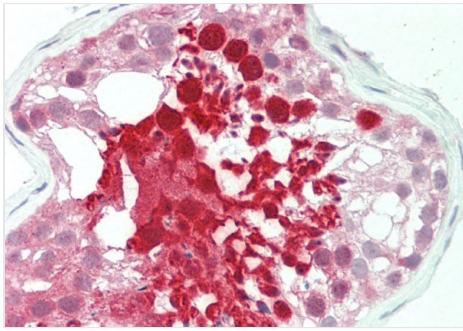
WB (Western Blot)

WB Suggested Anti-HSPA2 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:62500
 Positive Control: Jurkat cell lysate



WB (Western Blot)

Host: Rabbit
 Target Name: HSPA2
 Sample Type: Human HeLa
 Antibody Dilution: 1.0ug/mL
 HSPA2 is supported by BioGPS gene expression data to be expressed in HeLa



IHC (Immunohistochemistry)

Rabbit Anti-HSPA2 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Testis
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA2 antibody

This is a rabbit polyclonal antibody against HSPA2. It was validated on Western Blot using a cell lysate as a positive control.

Target Description: HSPA2 belongs to the heat shock protein 70 family. In cooperation with other chaperones, HSPA2 stabilizes preexistent proteins against aggregation and mediates 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.

Product Categories/Family for anti-HSPA2 antibody

[Polyclonal](#); [Cell Cycle Proteins](#); [MAPK Signaling](#); [Phosphorylation](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13676857
NCBI GeneID	3306
NCBI Accession #	NP_068814
NCBI GenBank Nucleotide #	NM_021979
UniProt Accession #	P54652
Molecular Weight	70kDa
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.

