

Rabbit HSPA4 Polyclonal Antibody | anti-HSPA4 antibody

HSPA4 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199650	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish	Immunohistochemistry, Western Blot

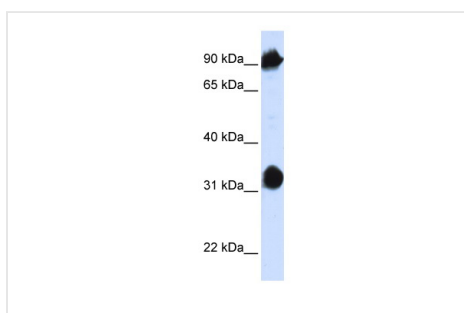
PRODUCT SYNONYMS

HSPA4; Polyclonal Antibody; HSPA4 antibody - N-terminal region; anti-HSPA4 antibody

PRODUCT SPECIFICATIONS

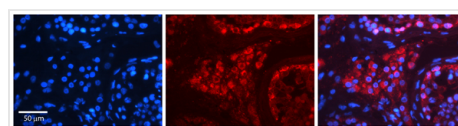
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: PA CISFGPKNRS IGAAKSQVI SNAKNTVQGF KRFHGRAFSDFVFAEKS
Sequence Length	840
Applicable Applications for anti-HSPA4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human HSPA4
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-HSPA4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: 293T cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-HSPA4 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Testis
Tissue
Observed Staining: Cytoplasm in spermatogonia and Leydig cells
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA4 antibody	This is a rabbit polyclonal antibody against HSPA4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: HSPA4(Hsp70) belongs to the heat shock protein 70 family. It was isolated as a putative Rictor interacting protein and interaction with membranes acts as a platform for its release into the extracellular environment during its recovery from stress. Hsp70 gene expression in Rheumatoid Arthritis-affected synovial tissue is followed by Hsp70 cell surface expression on fibroblast-like synovial cells growing from RA synovial tissue. Serum Hsp70 levels were increased in Systemic sclerosis patients, and associated with pulmonary fibrosis, skin sclerosis, renal vascular damage, oxidative stress, and inflammation.
Product Categories/Family for anti-HSPA4 antibody	Polyclonal; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	38327039
NCBI GeneID	3308
NCBI Accession #	NP_002145
NCBI GenBank Nucleotide #	NM_002154
UniProt Accession #	P34932
Molecular Weight	94kDa
NCBI Official Full Name	heat shock 70 kDa protein 4
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 4
NCBI Official Symbol	HSPA4
NCBI Official Synonym Symbols	RY; APG-2; HSPH2; hsp70; hsp70RY; HEL-S-5a; HS24/P52
NCBI Protein Information	heat shock 70 kDa protein 4
UniProt Protein Name	Heat shock 70 kDa protein 4
UniProt Gene Name	HSPA4
UniProt Synonym Gene Names	APG2
UniProt Entry Name	HSP74_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/hspa4-antibody-immunohistochemistry-western-blot-elisa/199650>