

Rabbit anti-Human HSPA14 Polyclonal Antibody | anti-HSPA14 antibody

HSPA14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327391	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

HSPA14; Polyclonal Antibody; HSPA14 Antibody; Heat shock 70 kDa protein 14; Heat shock 70kDa protein 14; Heat shock protein HSP60; Heat shock protein hsp70 related protein; HSP60; HSP70 4; HSP70 like protein 1; HSP70-like protein 1; HSP70L1; HSP7E_HUMAN; HSPA 14; MGC131990; anti-HSPA14 antibody

PRODUCT SPECIFICATIONS

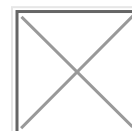
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	HSPA14 antibody detects endogenous levels of total HSPA14
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	509
Applicable Applications for anti-HSPA14 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human HSPA14
Subcellular Location	Cytosol
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Dog
Similarity	Pig (100%), Bovine (80%), Horse (80%), Rabbit (91%), Dog (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327391 staining LOVO cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of HSPA14 using COS7 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA14 antibody	Function: Component of the ribosome-associated complex (RAC), a complex involved in folding or maintaining nascent polypeptides in a folding-competent state. In the RAC complex, binds to the nascent polypeptide chain, while DNAJC2 stimulates its ATPase activity. Similarity: Belongs to the heat shock protein 70 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	82880658
NCBI GeneID	51182
NCBI Accession #	NP_057383.2
NCBI GenBank Nucleotide #	NM_016299.3
UniProt Accession #	Q0VDF9; Q9P0X2; Q9UI07; A8K8F8; B0YIY9
Molecular Weight	Observed: 55 kDa Predicted: 55 kDa
NCBI Official Full Name	heat shock 70 kDa protein 14 isoform 1
NCBI Official Synonym Full Names	heat shock protein family A (Hsp70) member 14
NCBI Official Symbol	HSPA14
NCBI Official Synonym Symbols	HSP70-4; HSP70L1
NCBI Protein Information	heat shock 70 kDa protein 14
UniProt Protein Name	Heat shock 70 kDa protein 14
UniProt Gene Name	HSPA14
UniProt Synonym Gene Names	HSP60; HSP70L1

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/hspa14-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327391>