

Mouse anti-Human, Rat HSPA1L Monoclonal Antibody | anti-HSPA1L antibody

HSPA1L (Heat Shock 70kD Protein 1-like, HSP70-Hom, Heat shock 70kD protein 1L, Heat Shock 70kD Protein 1-Hom)

CATALOG # AAA24088	HOST Mouse	REACTIVITY Human, Rat	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

HSPA1L; Monoclonal Antibody; HSPA1L (Heat Shock 70kD Protein 1-like; HSP70-Hom; Heat shock 70kD protein 1L; Heat Shock 70kD Protein 1-Hom); Anti - HSPA1L (Heat Shock 70kD Protein 1-like; anti-HSPA1L antibody)

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	7H6
Specificity	Recognizes human HSPA1L. Species Crossreactivity: rat.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Sequence	KGKISESDKN KILDKCNELL SWLEVNQLAE KDEFDHHRKE LEQMCNPIIT KLYQGGCTGP ACGTGYVPGR PATGPTIEEV D
Applicable Applications for anti-HSPA1L antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Suitable for use in ELISA, Western Blot and Immunohistochemistry. Dilution: Immunohistochemistry (Formalin fixed paraffin embedded): 3ug/ml
Immunogen	Partial recombinant corresponding to aa561-641 from human HSPA1L (NP_005518) with GST tag. MW of the GST tag alone is 26kD.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)

HSPA1L monoclonal antibody Western Blot analysis of HSPA1L expression in PC-12.



Application Data

Proximity Ligation Analysis (PLA) of protein-protein interactions between MAP3K7 and HSPA1L. HeLa cells were stained with MAP3K7 rabbit purified polyclonal 1:1200 and HSPA1L mouse monoclonal antibody 1:50. Signals were detected 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.



Application Data

Detection limit for recombinant GST tagged HSPA1L is ~0.1ng/ml as a capture antibody.



IHC (Immunohistochemistry)

Immunoperoxidase of monoclonal antibody to HSPA1L on formalin-fixed paraffin-embedded human testis. [antibody concentration 3ug/ml]



WB (Western Blot)

HSPA1L monoclonal antibody Western Blot analysis of HSPA1L expression in HeLa.



WB (Western Blot)

Western Blot detection against Immunogen (34.65kD).

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA1L antibody	HSPA1L is a 70kD heat shock protein. In conjunction with other heat shock proteins, this protein stabilizes existing proteins against aggregation and mediates the folding of newly translated proteins in the cytosol and in organelles.
Product Categories/Family for anti-HSPA1L antibody	Antibodies ; Abs to Heat Shock Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	124256496
NCBI GeneID	3305
NCBI Accession #	NP_005518.3
NCBI GenBank Nucleotide #	NM_005527.3
UniProt Accession #	P34931; O75634; Q2HXR3; Q8NE72; Q96QC9; Q9UQM1; A6NNB0; B0UXW8
Molecular Weight	70,375 Da
NCBI Official Full Name	heat shock 70 kDa protein 1-like
NCBI Official Synonym Full Names	heat shock 70kDa protein 1-like
NCBI Official Symbol	HSPA1L
NCBI Official Synonym Symbols	HSP70T; hum70t; HSP70-1L; HSP70-HOM
NCBI Protein Information	heat shock 70 kDa protein 1-like; heat shock 70 kDa protein 1L; heat shock 70kD protein-like 1; heat shock 10kDa protein 1-like; heat shock 70 kDa protein 1-Hom
UniProt Protein Name	Heat shock 70 kDa protein 1-like
UniProt Gene Name	HSPA1L
UniProt Synonym Gene Names	Heat shock 70 kDa protein 1L; HSP70-Hom
UniProt Entry Name	HS71L_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/hspa1l-antibody-clone-7h6-western-blot-immunohistochemistry-elisa/24088>