HSP 75 (HSP75) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HSP 75 (HSP75), Polyclonal Antibody
Full Product Name	HSP 75 Rabbit pAb
Product Gene Name	anti-HSP75 antibody
Product Synonym Names	Heat shock protein 75 kDa, mitochondrial; HSP 75; TNFR-associated protein 1; Tumor necrosis factor type 1 receptor-associated protein; TRAP-1; TRAP1; HSP75
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C for 1 year.
OMIM	606219
3D Structure	ModBase 3D Structure for Q12931
Immunogen	Synthetic peptide from human protein at AA range: 481-530
Cellular Localization	Membrane, Mitochondrion, Mitochondrion Inner Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HSP75 antibody	Immunohistochemistry (IHC) Paraffin, ELISA (EIA)
Application Notes for anti-HSP75 antibody	IHC-P: 1:50-200 ELISA: 1:10000-20000
Related Product Information for anti-HSP75 antibody	MBS8540371 is an antibody targeting HSP75. Also known as HSP 75 Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-HSP75 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HSP75. It may not necessarily be applicable to this product.

NCBI GI #	67477458
NCBI GeneID	10131
NCBI Accession #	Q12931.3
UniProt Primary Accession #	Q12931
UniProt Related Accession #	Q12931
NCBI Official Full Name	Heat shock protein 75 kDa, mitochondrial

NCBI Official Synonym Full Names	TNF receptor associated protein 1
NCBI Official Symbol	TRAP1
NCBI Official Synonym Symbols	HSP75; HSP 75; HSP90L; TRAP-1
UniProt Protein Name	Heat shock protein 75 kDa, mitochondrial
UniProt Synonym Protein Names	TNFR-associated protein 1; Tumor necrosis factor type 1 receptor-associated protein; TRAP-1
Protein Family	Heat shock protein
UniProt Gene Name	TRAP1
UniProt Synonym Gene Names	HSP75; HSP 75; TRAP-1
UniProt Entry Name	TRAP1_HUMAN
NCBI Protein Information	heat shock protein 75 kDa, mitochondrial
NCBI Summary for HSP75	This gene encodes a mitochondrial chaperone protein that is member of the heat shock protein 90 (HSP90) family. The encoded protein has ATPase activity and interacts with tumor necrosis factor type I. This protein may function in regulating cellular stress responses. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]
UniProt Comments for HSP75	HSP75: Chaperone that expresses an ATPase activity. Belongs to the heat shock protein 90 family. Protein type: Chaperone; Heat shock protein Chromosomal Location of Human Ortholog: 16p13.3 Cellular Component: nucleoplasm; membrane; mitochondrion; mitochondrial matrix; mitochondrial inner membrane; mitochondrial intermembrane space; lipid particle Molecular Function: protein binding; unfolded protein binding; protein kinase binding; tumor necrosis factor receptor binding; ATP binding Biological Process: response to stress
Research Articles on HSP75	**1.** Results demonstrated that TRAP1 gene polymorphisms may be associated with the systemic lupus erythematosus (SLE) susceptibility and glucocorticoids sensitivity in SLE patients.
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