SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-TRAP1/HSP75 antibody

Catalog Number: SL1446R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	TRAP1/HSP75
Immunogen:	KLH conjugated synthetic peptide derived from human HSP75: 501-650/704
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Horse, Rabbit)
Predicted MW.:	74kDa
Subcellular Location:	cytoplasmic Mitochondrion
Background:	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] **Function:** Chaperone that expresses an ATPase activity. **Subunit:** Binds to the intracellular domain of tumor necrosis factor type 1 receptor. Binds to RB1. **Subcellular Location:** Mitochondrion. **Tissue Specificity:** Found in skeletal muscle, liver, heart, brain, kidney, pancreas, lung and placenta. **Similarity:** Belongs to the heat shock protein 90 family.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Database links: **Entrez Gene:** 10131 Human **Entrez Gene:** 68015 Mouse **Entrez Gene:** 287069 Rat **Entrez Gene:** 416666 Chicken **Entrez Gene:** 514472 Cow Omim: 606219 Human **SwissProt:** Q2TBI4 Cow **SwissProt:** Q12931 Human **SwissProt:** Q9CQN1 Mouse **SwissProt:** Q5XHZ0 Rat **Unigene:** 30345 Human **Unigene:** 123366 Mouse **Unigene:** 144695 Rat Signaling Intermediates HSP75/TRAP-1 interacts with TNF Receptor, can produce Signal transduction that promotes TNF.

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