

Rabbit anti-Human TRAP1 Polyclonal Antibody | anti-TRAP1 antibody

TRAP1 Antibody (C-term)

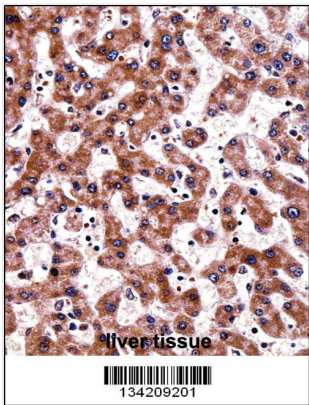
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283792	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

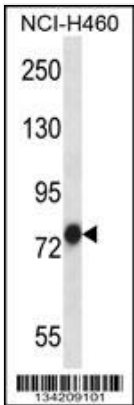
TRAP1; Polyclonal Antibody; TRAP1 Antibody (C-term); Heat shock protein 75 kDa; mitochondrial; HSP 75; TNFR-associated protein 1; Tumor necrosis factor type 1 receptor-associated protein; TRAP-1; HSP75; anti-TRAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TRAP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 542-570 amino acids from the C-terminal region of human TRAP1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	542-570
Sequence Length	651
Applicable Applications for anti-TRAP1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohiostchemistry)
TRAP1 Antibody (C-term) (AAA283792)immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of TRAP1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
TRAP1 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the TRAP1 antibody detected the TRAP1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-TRAP1 antibody	HSP90 proteins are highly conserved molecular chaperones that have key roles in signal transduction, protein folding, protein degradation, and morphologic evolution. HSP90 proteins normally associate with other cochaperones and play important roles in folding newly synthesized proteins or stabilizing and refolding denatured proteins after stress. TRAP1 is a mitochondrial HSP90 protein. Other HSP90 proteins are found in cytosol (see HSP90AA1; MIM 140571) and endoplasmic reticulum (HSP90B1; MIM 191175) (Chen et al., 2005 [PubMed 16269234]).
Product Categories/Family for anti-TRAP1 antibody	Cell Biology; Metabolism; Signal transduction
References	Liu, D., et al. Cancer Lett. 296(2):194-205(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Nguyen, M.C., et al. Cancer Immunol. Immunother. 59(9):1313-1323(2010) Landriscina, M., et al. Cancer Res. 70(16):6577-6586(2010) Leav, I., et al. Am. J. Pathol. 176(1):393-401(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	155722983
NCBI GeneID	10131
NCBI Accession #	NP_057376.2
NCBI GenBank Nucleotide #	NM_016292.2
UniProt Accession #	Q12931; O43642; O75235; Q9UHL5; B4DR68; D3DUC8; F5H897
Molecular Weight	80110
NCBI Official Full Name	heat shock protein 75 kDa, mitochondrial isoform 1
NCBI Official Synonym Full Names	TNF receptor-associated protein 1
NCBI Official Symbol	TRAP1
NCBI Official Synonym Symbols	HSP75; HSP 75; HSP90L; TRAP-1
NCBI Protein Information	heat shock protein 75 kDa, mitochondrial

UniProt Protein Name	Heat shock protein 75 kDa, mitochondrial
UniProt Gene Name	TRAP1
UniProt Synonym Gene Names	HSP75; HSP 75; TRAP-1
UniProt Entry Name	TRAP1_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://www.aaabiotech.com/polyclonal/trap1-antibody-immunohistochemistry-western-blot-elisa/283792>