

Datasheet for ABIN2792093
anti-TRAP1 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	TRAP1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human TRAP1
Sequence:	AQLGPRRNPA WSLQAGRLFS TQTAEDKEEP LHSIISSTES VQGSTSKHEF
Predicted Reactivity:	Dog: 85%, Guinea Pig: 92%, Human: 100%, Mouse: 85%, Rat: 85%
Characteristics:	This is a rabbit polyclonal antibody against TRAP1. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	TRAP1
Alternative Name:	TRAP1 (TRAP1 Products)

Target Details

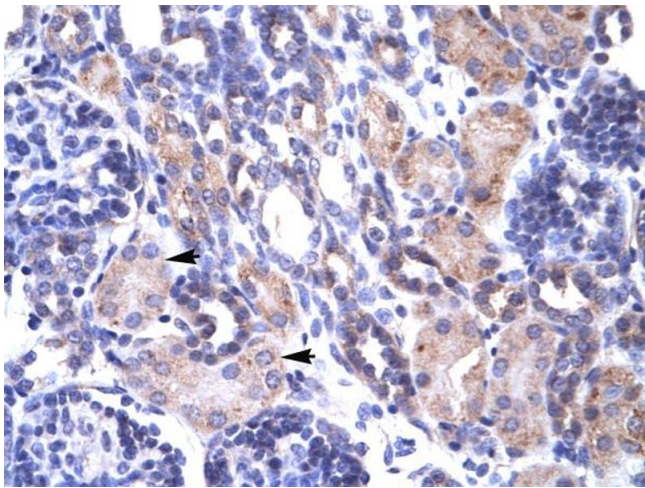
Background:	Suppression of the expression of TRAP1 in mitochondria might play an important role in the induction of apoptosis caused via formation of ROS. Alias Symbols: HSP75, HSP90L Protein Interaction Partner: SUMO2, SUMO3, LGALS3BP, CEP72, CEP250, UBC, MDM2, OGFR, MAGED2, FKBP5, USP7, EIF2AK4, RPS19, RPL7A, HSPA5, GAPDH, EIF4A1, EEF1G, EEF1A1, FBXO6, PRKACB, CDK9, CDK5, CDK4, ESX1, TPM3, FN1, C1QBP, TRAF3IP1, WDHD1, VDAC2, VAMP2, APP, CUL3, CUL5, PSMC4, RAD21, Protein Size: 704
Molecular Weight:	80 kDa
Gene ID:	10131
NCBI Accession:	NM_016292 , NP_057376
UniProt:	Q12931

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 704 AA
Restrictions:	For Research Use only

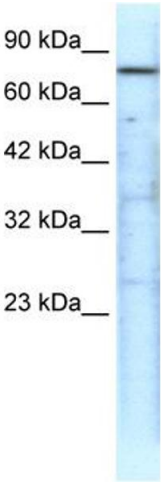
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Immunohistochemistry

Image 1. Human kidney



Western Blotting

Image 2. WB Suggested Anti-TRAP1 Antibody Titration: 0.5ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate TRAP1 is supported by BioGPS gene expression data to be expressed in HepG2