

Datasheet for ABIN686647
anti-TRAP1 antibody (AA 501-650)



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1 Image

Overview

Quantity:	100 µL
Target:	TRAP1
Binding Specificity:	AA 501-650
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAP1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HSP75
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	TRAP1
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Target Details

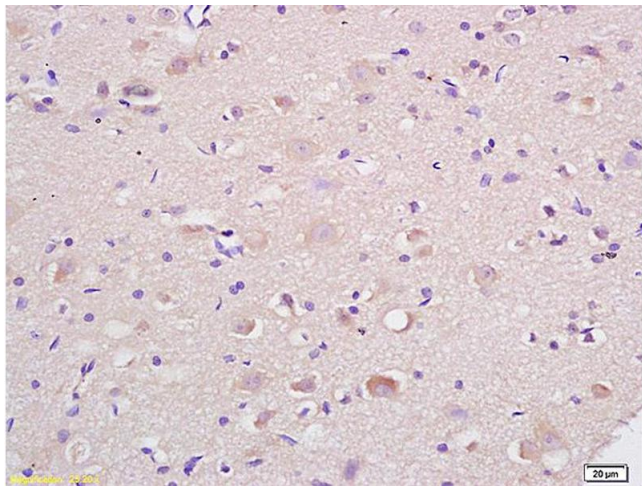
Alternative Name:	HSP75/TRAP1 (TRAP1 Products)
Background:	Synonyms: HSP75, HSP 75, HSP90L, TRAP-1, Heat shock protein 75 kDa, mitochondrial, TNFR-associated protein 1, Tumor necrosis factor type 1 receptor-associated protein, TRAP1 Background: Chaperone that expresses an ATPase activity. Involved in maintaining mitochondrial function and polarization, most likely through stabilization of mitochondrial complex I. Is a negative regulator of mitochondrial respiration able to modulate the balance between oxidative phosphorylation and aerobic glycolysis. The impact of TRAP1 on mitochondrial respiration is probably mediated by modulation of mitochondrial SRC and inhibition of SDHA.
Gene ID:	10131
UniProt:	Q12931

Application Details

Application Notes:	ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded rat brain labeled with Anti-HSP75/TRAP1 Polyclonal Antibody, Unconjugated (ABIN686647) at 1:200 followed by conjugation to the secondary antibody and DAB staining.