antibodies -online.com





anti-TRAP1 antibody (Internal Region)

3 Images



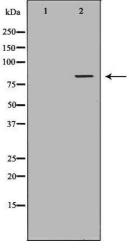
Go to Product page

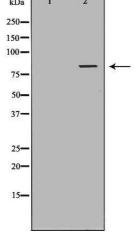
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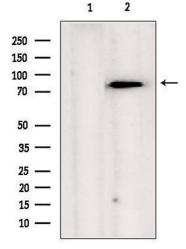
0.0	
Quantity:	100 μL
Target:	TRAP1
Binding Specificity:	Internal Region
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA, Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human TRAP1, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	TRAP1 Antibody detects endogenous levels of total TRAP1.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	TRAP1

Target Details

Alternative Name:	TRAP1 (TRAP1 Products)
Background:	Description: Chaperone that expresses an ATPase activity. Involved in maintaining mitochondrial function and polarization, downstream of PINK1 and 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: TRAP1
Molecular Weight:	80kDa
Gene ID:	10131
UniProt:	Q12931
Application Details	
Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months





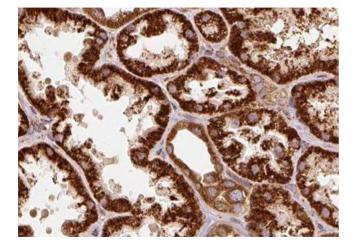


Western Blotting

Image 1. Western blot analysis of Hela whole cell lysates, using TRAP1 Antibody. The lane on the left is treated with the antigen-specific peptide.

Western Blotting

Image 2. Western blot analysis of extracts from hela, using TRAP1 Antibody. Lane 1 was treated with the blocking peptide.



Immunohistochemistry

Image 3. ABIN6277332 at 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22jãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary