

Datasheet for ABIN1045627
anti-TRAP1 antibody (AA 60-308) (FITC)



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Overview

Quantity:	100 µg
Target:	TRAP1
Binding Specificity:	AA 60-308
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRAP1 antibody is conjugated to FITC
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Human Heat shock protein 75 kDa, mitochondrial protein (60-308AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TRAP1
Alternative Name:	TRAP1 (TRAP1 Products)
Background:	Background: Chaperone that expresses an ATPase activity. Involved in maintaining mitochondrial function and polarization, downstream of PINK1 and mitochondrial complex I. Is

Target Details

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. Aliases: Heat shock protein 75 kDa antibody, Heat shock protein 75 kDa, mitochondrial antibody, HSP 75 antibody, HSP75 antibody, HSP90L antibody, mitochondrial antibody, TNF receptor associated protein 1 antibody, TNFR-associated protein 1 antibody, TRAP-1 antibody, Trap1 antibody, TRAP1_HUMAN antibody, Tumor necrosis factor type 1 receptor-associated protein antibody

UniProt: [Q12931](#)

Application Details

Application Notes: Not yet tested in other applications. Optimal working dilutions should be determined experimentally by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid freeze and thaw cycles. Product is photosensitive and should be protected from light.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.