

Datasheet for ABIN6943754
anti-TRAP1 antibody



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Overview

Quantity:	100 µL
Target:	TRAP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This TRAP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	N terminal human Hsp75
Clone:	6C2
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	TRAP1
Alternative Name:	Hsp75 (TRAP1 Products)
Background:	Synonyms: Heat shock protein 75 kDa, mitochondrial, TNFR-associated protein 1, Tumor necrosis factor type 1 receptor-associated protein, HSP 75, TRAP-1, TRAP1

Target Details

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: WB 1:300-5000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months