

bsm-62997R**[Primary Antibody]**

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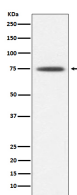
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TRAP1/HSP75 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-2000) IP (1:20-50) Reactivity: Human Predicted MW.: 80 Subcellular Location: Cytoplasm
Clonality: Recombinant	CloneNo.: 4C3	
GeneID: 10131	SWISS: Q12931	
Target: TRAP1/HSP75		
Immunogen: A synthesized peptide derived from human Hsp75: 630-680.		
Purification: affinity purified by Protein A		
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
Background: 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.		

— VALIDATION IMAGES —

Western blot analysis of K562 cell lysate. Using TRAP1/HSP75 (bsm-62997R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.