

KD-Validated Anti-TNF Receptor Associated Protein 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1749

Product Information

Application	WB, FC, ICC
Primary Accession	Q12931
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB2560
Calculated MW	80110
Gene Name	TRAP1
Aliases	TRAP1; TNF Receptor Associated Protein 1; HSP75; HSP90L; Tumor Necrosis Factor Type 1 Receptor-Associated Protein; Heat Shock Protein 75 kDa, Mitochondrial; TNFR-Associated Protein 1; HSP 75; TRAP-1; TNF Receptor-Associated Protein 1; Testicular Tissue Protein Li 209
Immunogen	A synthesized peptide derived from human TRAP1

Additional Information

Gene ID	10131
Other Names	Heat shock protein 75 kDa, mitochondrial, HSP 75, Heat shock protein family C member 5, TNFR-associated protein 1, Tumor necrosis factor type 1 receptor-associated protein, TRAP-1, TRAP1, HSP75, HSPC5 {ECO:0000303 PubMed:18663603}

Protein Information

Name	TRAP1
Synonyms	HSP75, HSPC5 {ECO:0000303 PubMed:1866360}
Function	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.
Cellular Location	Mitochondrion. Mitochondrion inner membrane Mitochondrion matrix
Tissue Location	Found in skeletal muscle, liver, heart, brain, kidney, pancreas, lung, placenta and bladder. Expression is highly reduced in bladder cancer and renal cell

carcinoma specimens compared to healthy tissues, but it is increased in other type of tumors

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