

Immunotag™ TRAP1 Antibody

Antibody Specification	
Catalog No.	ITA7150
Product Description	Immunotag™ TRAP1 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TRAP1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TRAP1
Specificity	TRAP1 Antibody detects endogenous levels of total TRAP1
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TRAP1
Accession No.	Q12931
Alternate Names	Heat shock protein 75 kDa; Heat shock protein 75 kDa, mitochondrial; HSP 75; HSP75; HSP90L; mitochondrial; TNF receptor associated protein 1; TNFR-associated protein 1; TRAP-1; Trap1; TRAP1_HUMAN; Tumor necrosis factor type 1 receptor-associated protein;

Antibody Specification

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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	80kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.