

Product datasheet for **TA326389**

Hsp75 (TRAP1) Mouse Monoclonal Antibody [Clone ID: Trap1-6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Trap1-6
Applications:	IF, WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Immunogen:	Purified recombinant TRAP1
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	TNF receptor associated protein 1
Database Link:	NP_057376 Entrez Gene 10131 Human Q12931

Background: The 90 kDa heat shock protein (hsp90) family of proteins that play an important physiological role. Hsp90 is involved in numerous cellular processes but is best known for its association with signal transduction machinery. A recently cloned homolog of hsp90 is the tumor necrosis factor receptor-associated protein (TRAP1). Like hsp90, TRAP1 is found to be associated with numerous proteins involved in diverse actions. Immunofluorescence data has shown TRAP1 to be localized in the mitochondria of mammalian cells. This observation and the fact that TRAP1 is shown to have a mitochondrial targeting presequence strongly implicates TRAP1 as a mitochondrial matrix protein.

Synonyms: HSP 75; HSP75; HSP90L; TRAP-1

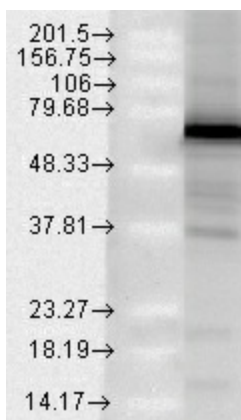


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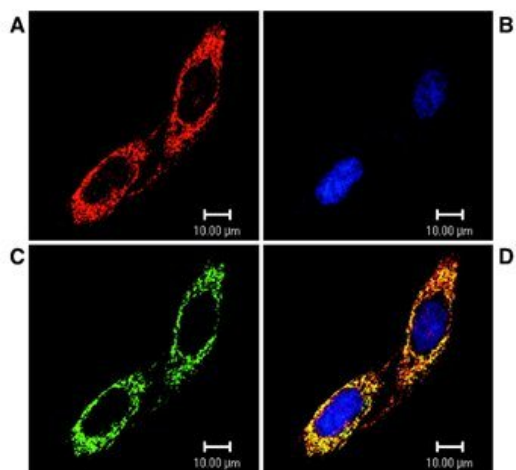
Note: Detects Trap1. Detects ~75kDa.

Protein Families: Druggable Genome

Product images:



Western blot analysis of TRAP1 in heat shocked HeLa cells, using a 1:1000 dilution of TA326389.



Localization of TRAP1 to mitochondria in PC-3-M cells by fluorescence microscopy. A: staining of mitochondria with MitoTracker dye; B: staining of nuclei with DAPI; C: immunofluorescence using a monoclonal antibody to TRAP1 (TA326389); D: tricolor composite