

## Product Datasheet

# Hsp75 Antibody

Catalog No: CY5960

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IP



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### Information

**UniProt ID:** Q12931

**All Names:** HSP75; HSP 75; HSP90L; TRAP-1;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 75 kDa

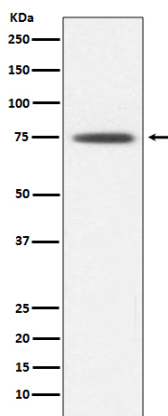
### Application

WB 1:500~1:2000

IP 1:50

### Background

TNF receptor-associated protein 1 (TRAP1), also known as HSP75, is a mitochondrial chaperone and ATPase that was originally identified as a protein that interacts with the TNF receptor. Although a member of the HSP90 family, TRAP1 is not heat-inducible but is upregulated by glucose deprivation, oxidative injury, and UV irradiation. An amino-terminal mitochondrial localization sequence results in localization of TRAP1 within mitochondria. Overexpression of TRAP1 decreases oxidative stress, suggesting a protective role in ischemia injury.



Western blot analysis of Hsp75 expression in K562 cell lysate.

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