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Product Data Sheet

Anti-HSP75 Antibody

Catalog #	Source	Reactivity	Applications
CQA2286	Rabbit	H, M, R	WB, IH, IF/IC

Description	Rabbit polyclonal antibody to HSP75
Immunogen	Recombinant full length protein of human HSP75
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of HSP75 protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200), IF/IC (1/50 - 1/200)
Gene Symbol	TRAP1
Alternative Names	HSP75; Heat shock protein 75 kDa mitochondrial; HSP 75; TNFR-associated protein 1; Tumor necrosis factor type 1 receptor-associated protein; TRAP-1
Entrez Gene	10131 (Human); 68015 (Mouse); 287069 (Rat)
SwissProt	Q12931 (Human); Q9CQN1 (Mouse); Q5XHZ0 (Rat)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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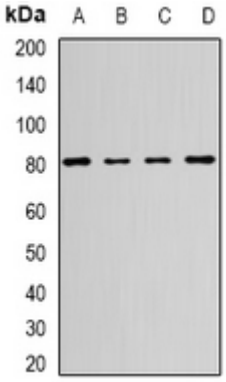
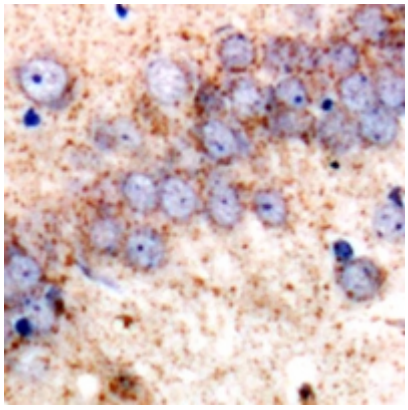
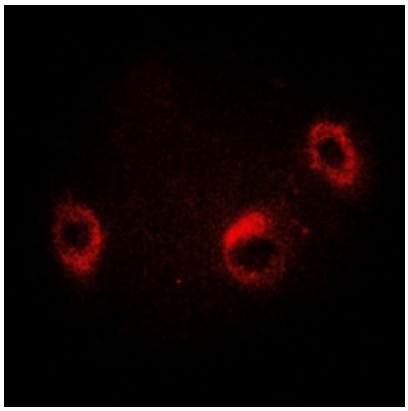


Western blot analysis of HSP75 expression in MCF7 (A), Jurkat (B), mouse kidney (C), mouse heart (D) whole cell lysates. (Predicted band size: 74; 80 kD; Observed band size: 80 kD)



Immunohistochemical analysis of HSP75 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of HSP75 staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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