HSPA9

Reactivity:Human Mouse Rat

Tested applications:WB IHC IF IP RIP

Recommended Dilution:WB1:500-1:2000 IHC1:50-1:200 IF1:50-1:200 IP1:20-1:50
RIP1:20-1:50
Calculated MW:74kDa
Observed MW:Refer to Figures
Immunogen:
Recombinant protein of human HSPA9

## Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol, pH7.3.

## Concentration:

bhj
Synonym:
HSPA9;CSA;GRP75;HSPA9B;MGC4500;MOT;MOT2;MTHSP75;PBP74;mot-2

## Background:

Grp75, also known as mortalin, is a member of Hsp70 family of chaperone proteins that is not heat-inducible $(1,2)$. This protein is essential for transporting many mitochondrial proteins from the cytoplasm to mitochondria (3). Grp75 inactivates the tumor suppressor p53 (4). Studies found that Grp75 is overexpressed in many tumor tissues and immortalized human cell lines, suggesting its role in the tumor formation (5). Grp75 is also implicated in cell aging, as its overexpression appears to prolong the life span of human fibroblasts (6)

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Catalog \#:A0558
Antibody Type:
Polyclonal Antibody
Species:Rabbit
Gene ID:3313
Isotype:IgG
Swiss Prot:P38646
Purity:Affinity purification

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