

Rabbit HSPA9 Polyclonal Antibody | anti-HSPA9 antibody

HSPA9 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA10628	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunoprecipitation

PRODUCT SYNONYMS

HSPA9; Polyclonal Antibody; HSPA9 Polyclonal Antibody; CRP40;CSA;EVPLS;GRP-75;GRP75;HELs-124m;HSPA9B;MOT;MOT2;MTHSP75;PBP74;SAAN;SIDBA4; anti-HSPA9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Concentration	1mg/ml (varies by lot)
Sequence Length	679
Applicable Applications for anti-HSPA9 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200
Source	Rabbit
Immunogen	Recombinant protein of human HSPA9
Observed MW	80kDa
Calculated MW	73kDa
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using HSPA9 antibody at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human vermiform appendix using HSPA9 antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human colon carcinoma using HSPA9 antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human liver cancer using HSPA9 antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human liver using HSPA9 antibody at dilution of 1:100 (40x lens).

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human lung cancer using HSPA9 antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA9 antibody	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).
Product Categories/Family for anti-HSPA9 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264428
NCBI GeneID	3313
UniProt Accession #	P38646; P30036; P31932; Q1HB43; Q53H23; Q6GU03; Q9BWB7; Q9UC56; B2RCM1
Molecular Weight	679
NCBI Official Full Name	Stress-70 protein, mitochondrial
NCBI Official Synonym Full Names	heat shock 70kDa protein 9 (mortalin)
NCBI Official Symbol	HSPA9
NCBI Official Synonym Symbols	CSA; MOT; MOT2; CRP40; GRP75; PBP74; GRP-75; HSPA9B; MTHSP75; HEL-S-124m
NCBI Protein Information	stress-70 protein, mitochondrial; mortalin-2; p66-mortalin; mortalin, perinuclear; heat shock 70kD protein 9B; peptide-binding protein 74; 75 kDa glucose-regulated protein; catecholamine-regulated protein 40; epididymis secretory sperm binding protein Li 124m
UniProt Protein Name	Stress-70 protein, mitochondrial
UniProt Gene Name	HSPA9
UniProt Synonym Gene Names	GRP75; HSPA9B; mt-HSP70; GRP-75; MOT; PBP74
UniProt Entry Name	GRP75_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/hspa9-antibody-western-blot-immunohistochemistry-immunofluorescence-immunoprecipitation-elisa/10628>