Rabbit anti-Human, Mouse HSPA9/GRP75/Mortalin Polyclonal Antibody | anti-HSPA9/GRP75 antibody

Rabbit anti-HSPA9/GRP75/Mortalin Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213176	**Rabbit**	**Human, Mouse**	**Immunoprecipitation, Western Blot**

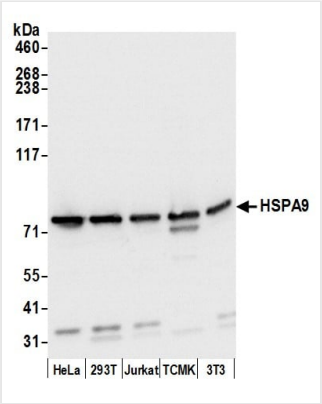
PRODUCT SYNONYMS

HSPA9/GRP75/Mortalin; Polyclonal Antibody; Rabbit anti-HSPA9/GRP75/Mortalin Antibody; Affinity Purified; mortalin; perinuclear; MTHSP75; mortalin2; mortalin-2; MOT; MOT2; p66-mortalin; PBP74; peptide-binding protein 74; SAAN; SIDBA4; GRP75; stress-70 protein; mitochondrial; CSA; Mortalin; CRP40; epididymis secretory sperm binding protein Li 124m; EVPLS; Heat shock 70 kDa protein 9; HSPA9B; 75 kDa glucose-regulated protein; heat shock 70kD protein 9B; heat shock 70kDa protein 9 (mortalin); HEL-S-124m; GRP-75; catecholamine-regulated protein 40; Stress-70 protein; heat shock protein family A (Hsp70) member 9; anti-HSPA9/GRP75 antibody

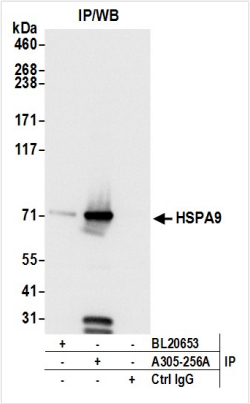
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-HSPA9/GRP75 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Rat, Orangutan
Immunogen	Between 629 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)
Detection of human and mouse HSPA9 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-HSPA9 antibody AAA213176 (lot AAA213176-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.



IP (Immunoprecipitation)
Detection of human HSPA9 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-HSPA9 antibody AAA213176 (lot AAA213176-1) used for IP at 6 ug per reaction. HSPA9 was also immunoprecipitated by rabbit anti-HSPA9 antibody BL20653. For blotting immunoprecipitated HSPA9, AAA213176 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

ADDITIONAL INFORMATION

Related Product Information for anti-HSPA9/GRP75 antibody	HSPA9 a member of the heat shock protein 70 gene family. HSPA9 is primarily localized to the mitochondria but is also found in the endoplasmic reticulum, plasma membrane and cytoplasmic vesicles. This protein is a heat-shock cognate protein. This protein plays a role in cell proliferation, stress response and maintenance of the mitochondria taken from NCBI Entrez Gene (Gene ID: 3313)].
Product Categories/Family for anti-HSPA9/GRP75 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	24234688
NCBI GeneID	3313
NCBI Accession #	NP_004125.3
NCBI GenBank Nucleotide #	NM_004134.6
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; GRP75; PBP74; GRP-75; HSPA9B; MTHSP75
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
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://www.aaabiotech.com/polyclonal/hspa9-grp75-mortalin-antibody-immunoprecipitation-western-blot-elisa/213176