

Anti-HSPA9 Antibody

CATALOG NO.: A1861-100 100 µl.

BACKGROUND DESCRIPTION: This gene encodes a member of the heat shock protein 70 gene family. The encoded protein 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. A pseudogene of this gene is found on chromosome 2.

ALTERNATE NAMES: CSA, PBP74, MOT, MTHSP75, SAAN, HSPA9, HSPA9B, SIDBA4, mitochondrial, EVPLS, CRP40

ANTIBODY TYPE: Polyclonal

HOST/ISOTYPE: Rabbit / Rabbit IgG.

IMMUNOGEN: Recombinant fusion protein containing a sequence corresponding to amino acids 380-679 of human HSPA9 (NP_004125.3).

PURIFICATION: Affinity purification.

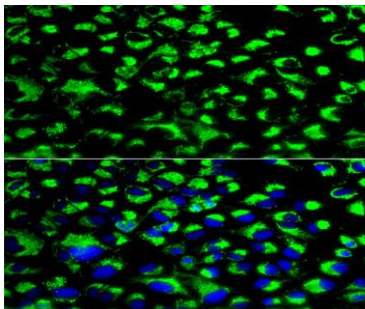
FORM: Liquid.

FORMULATION: Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

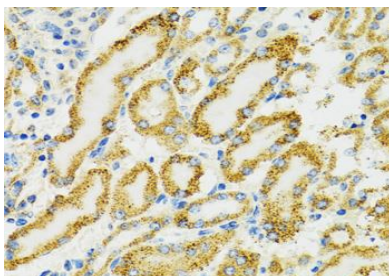
SPECIES REACTIVITY: Rat.
Mouse.
Human.

STORAGE CONDITIONS: Store at -20°C; Avoid freeze / thaw cycles.

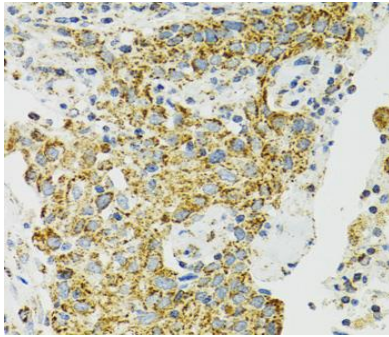
APPLICATIONS AND USAGE: IF 1:50 - 1:200.
WB 1:500 - 1:2000.
IHC 1:50 - 1:200.



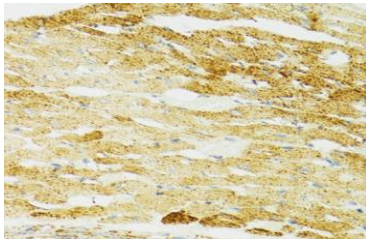
Immunofluorescence analysis of U2OS cells using HSPA9 antibody. Blue: DAPI for nuclear staining..



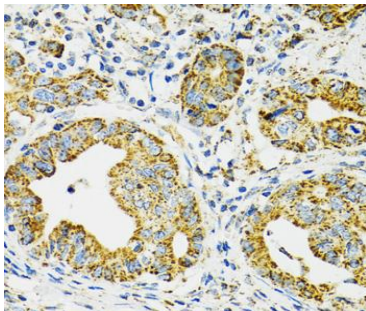
Immunohistochemistry of paraffin-embedded rat kidney using HSPA9 antibody at dilution of 1:100.



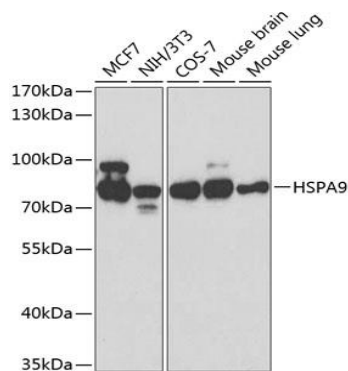
Immunohistochemistry of paraffin-embedded human lung cancer using HSPA9 antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded mouse heart using HSPA9 antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded human gastric cancer using HSPA9 antibody at dilution of 1:100



Western blot analysis of extracts of various cell lines, using HSPA9 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

RELATED PRODUCTS:

- Hsp60 Antibody (3094R)
- Hsp105 Antibody (3390)
- Hsp27 Antibody (3090)
- Hsp70 Antibody (3097)
- Hsp90 Antibody (3389)

FOR RESEARCH USE ONLY! Not to be used on humans.