

HSPA14 Rabbit mAb

Catalog No: #49209



Package Size: #49209-1 50ul #49209-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

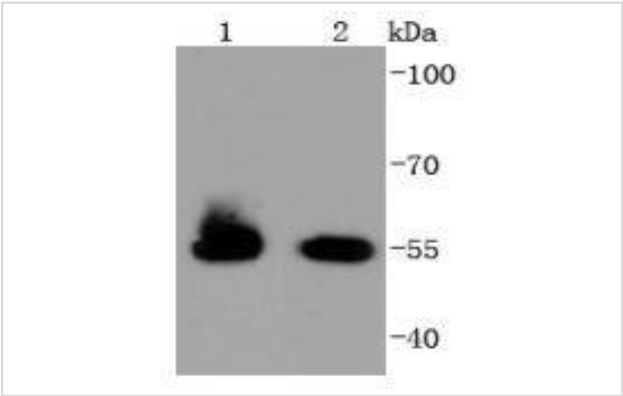
Description

Product Name	HSPA14 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SD08-48
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	Heat shock 70 kDa protein 14 antibody Heat shock 70kDa protein 14 antibody Heat shock protein HSP60 antibody Heat shock protein hsp70 related protein antibody HSP60 antibody HSP70 4 antibody HSP70 like protein 1 antibody HSP70-like protein 1 antibody HSP70L1 antibody HSP7E_HUMAN antibody HSPA 14 antibody HSPA14 antibody MGC131990 antibody
Accession No.	Swiss-Prot#:Q0VDF9
Uniprot	Q0VDF9
GeneID	51182;
Calculated MW	55 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

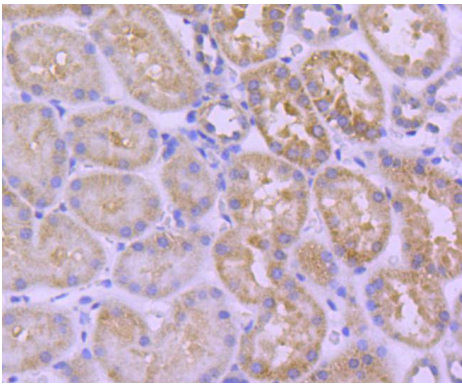
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200ICC: 1:50-1:200

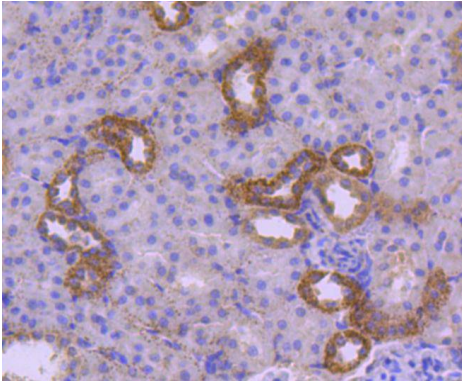
Images



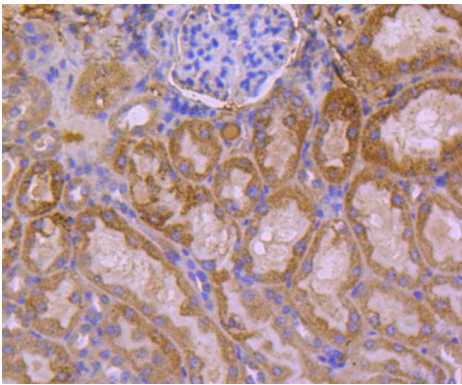
Western blot analysis of HSPA14 on different lysates using anti-HSPA14 antibody at 1/1,000 dilution. Positive control:
Lane 1: K562 Lane 2: COS-1



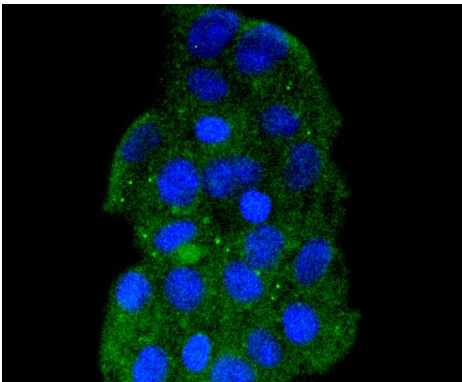
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-HSPA14 antibody. Counter stained with hematoxylin.



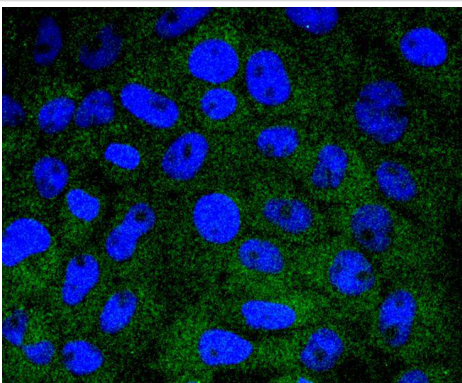
Immunohistochemical analysis of paraffin-embedded rat kidney tissue using anti-HSPA14 antibody. Counter stained with hematoxylin.



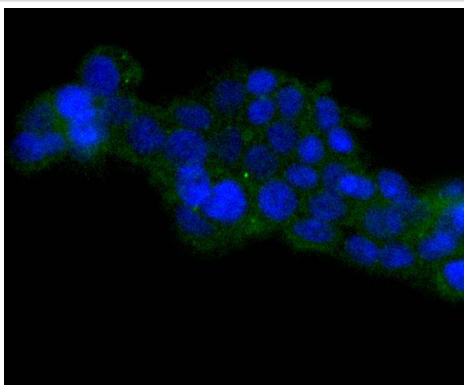
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-HSPA14 antibody. Counter stained with hematoxylin.



ICC staining HSPA14 in 293 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining HSPA14 in RH-35 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining HSPA14 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

The heat shock proteins (HSPs) comprise a group of highly conserved, abundantly expressed proteins with diverse functions, including the assembly and sequestering of multi-protein complexes, the transportation of nascent poly-peptide chains across cellular membranes and the regulation of protein folding. HSPA14 (heat shock 70kDa protein 14), also known as HSP70-4 or HSP70L1, is a 509 amino acid novel HSP protein derived from human dendritic cells. Belonging to the heat shock protein 70 family, HSPA14 is thought to promote dendritic cell maturation. It is also suggested that HSPA14 stimulates secretion of the proinflammatory cytokines interleukin 12p70 (IL-12p70), IL-1 β , TNF α , and the chemokines IP-10, MIP-1 α , MIP-1 β , and normal T cell expressed and secreted (RANTES).

References

Note: This product is for in vitro research use only