

Cpn10 Rabbit mAb

Catalog No: #49935

Package Size: #49935-1 50ul #49935-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

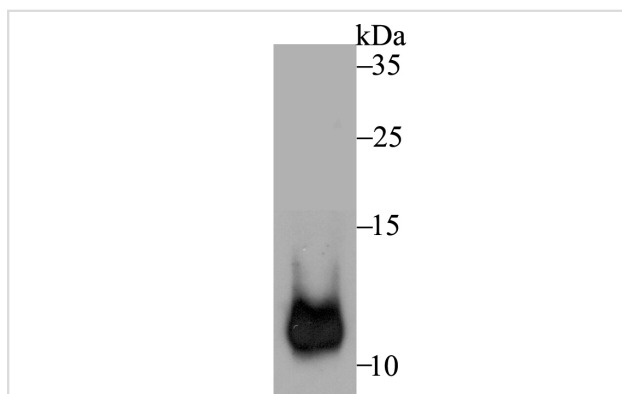
Description

Product Name	Cpn10 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG82-34
Purification	ProA affinity purified
Applications	WB,IHC,IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human Cpn10 aa 1-150.
Other Names	10 kDa chaperonin antibody 10 kDa heat shock protein mitochondrial antibody 10 kDa heat shock protein, mitochondrial antibody CH10_HUMAN antibody Chaperonin 10 antibody Chaperonin 10 homolog antibody CPN10 antibody cpn10 homolog antibody Early pregnancy factor antibody Early-pregnancy factor antibody EPF antibody GROES antibody GroES homolog antibody Heat shock 10kD protein 1 chaperonin 10 antibody Heat shock 10kDa protein 1 antibody Heat shock 10kDa protein 1 chaperonin 10 antibody Heat shock protein family E (Hsp10) member antibody Heat-shock 10-kD protein antibody Hsp10 antibody Hspe1 antibody
Accession No.	Swiss-Prot#:P61604
Uniprot	P61604
GeneID	3336;
Calculated MW	11 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

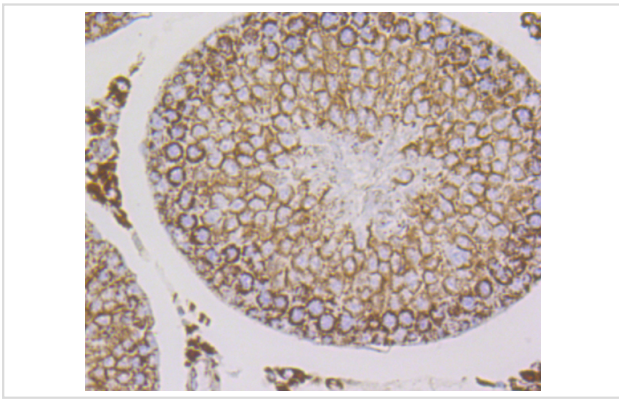
Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 IP: 1:10-1:50

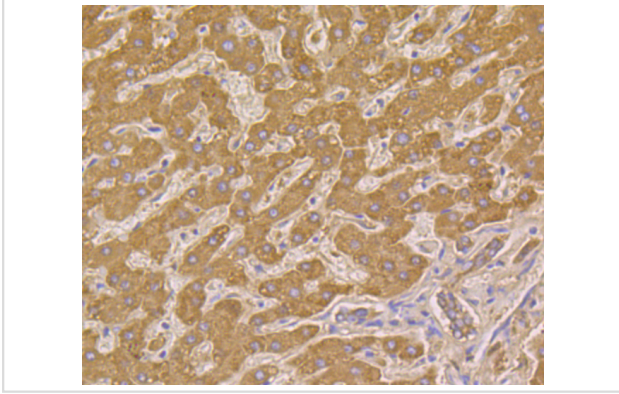
Images



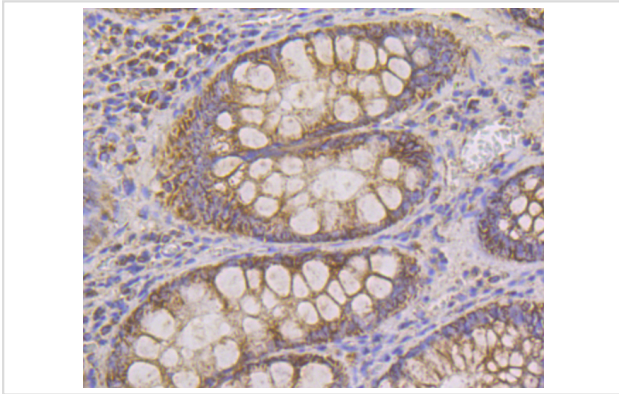
Western blot analysis of Cpn10 on mouse liver tissue lysate using anti-Cpn10 antibody at 1/1,000 dilution.



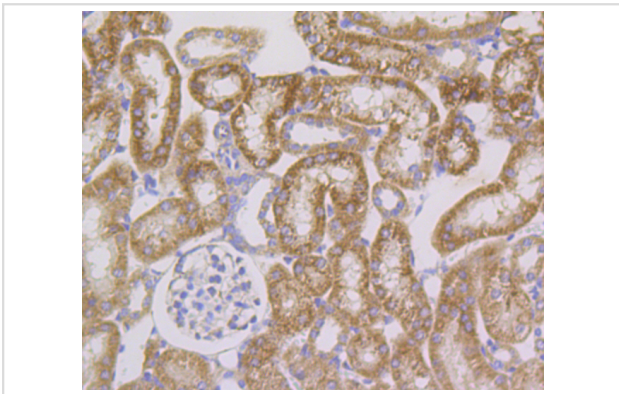
Immunohistochemical analysis of paraffin-embedded rat testis tissue using anti-Cpn10 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-Cpn10 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-Cpn10 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Cpn10 antibody. Counter stained with hematoxylin.

Background

The heat shock proteins (HSPs) comprise a group of highly conserved, abundantly expressed proteins with diverse functions, including the assembly and sequestering of multiprotein complexes, transportation of nascent poly-peptide chains across cellular membranes and regulation of protein folding. Heat shock proteins (also known as molecular chaperones) fall into six general families: HSP 90, HSP 70, HSP 60, the low molecular weight HSPs, the immunophilins and the HSP 110 family. The low molecular weight family includes HSP 10, HSP 20, HSP 27, HSP 32 and HSP 40. HSP 10, a 102 amino acid protein, forms a heptameric ring of seven identical subunits. This ring binds at either end of HSP 60 to form a functional heterodimer.

References

Note: This product is for in vitro research use only