

JAB1 Rabbit mAb

Catalog No: #49805

Package Size: #49805-1 50ul #49805-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

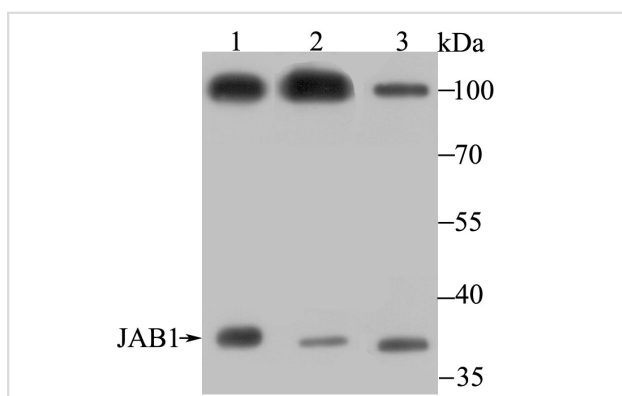
Description

Product Name	JAB1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB34-96
Purification	ProA affinity purified
Applications	WB, ICC, IF, IHC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	38 kDa Mov34 homolog antibody COP9 (constitutive photomorphogenic) homolog subunit 5 antibody COP9 constitutive photomorphogenic homolog subunit 5 antibody COP9 signalosome complex subunit 5 antibody COP9 signalosome subunit 5 antibody Cop9 subunit 5 antibody COPS 5 antibody cops5 antibody CSN 5 antibody CSN5 antibody CSN5_HUMAN antibody JAB 1 antibody Jun activation domain binding protein 1 antibody Jun activation domain binding protein antibody Jun activation domain-binding protein 1 antibody MGC3149 antibody MOV 34 antibody MOV34 antibody MOV34 family, 38-KD member antibody SGN 5 antibody SGN5 antibody Signalosome subunit 5 antibody
Accession No.	Swiss-Prot#:Q92905
Uniprot	Q92905
GeneID	10987;
Calculated MW	37 kDa, additional band 100 kDa.
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

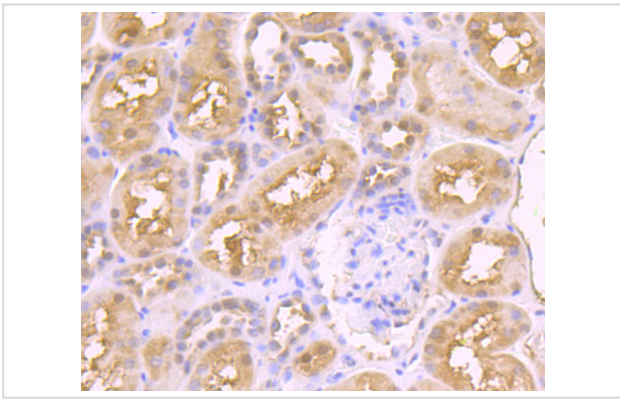
Application Details

WB: 1:500 IHC: 1:50-1:200 ICC: 1:100-1:500

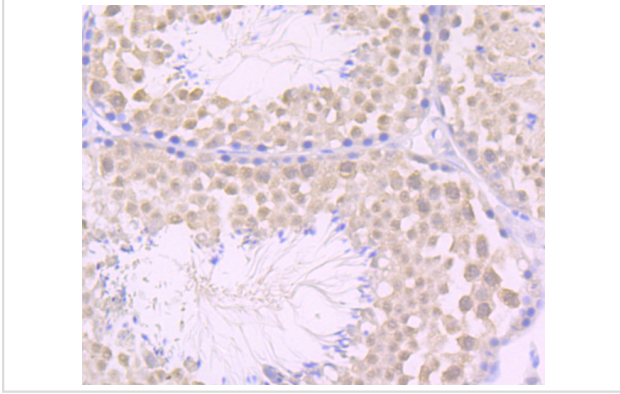
Images



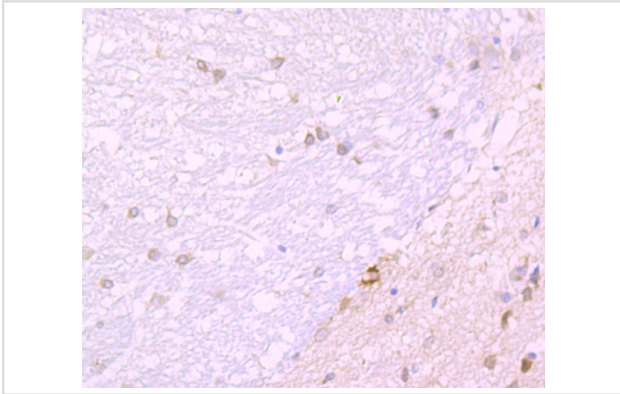
Western blot analysis of JAB1 on different lysate using anti-JAB1 antibody at 1/500 dilution. Positive control: Lane 1: Mouse testis tissue Lane 2: PC-3M Lane 3: A549



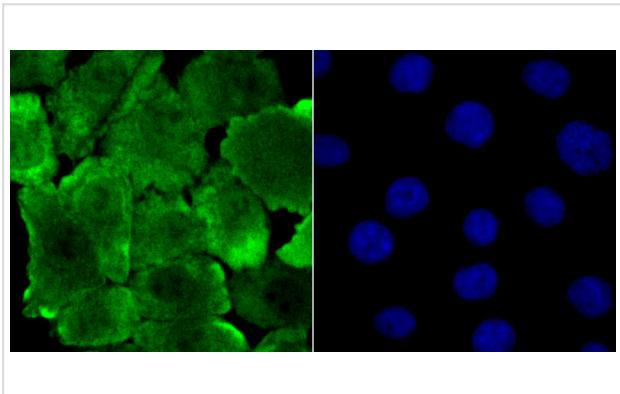
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-JAB1 antibody. Counter stained with hematoxylin.



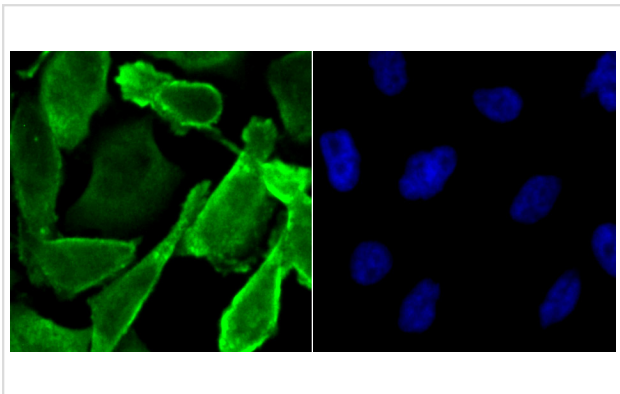
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-JAB1 antibody. Counter stained with hematoxylin.



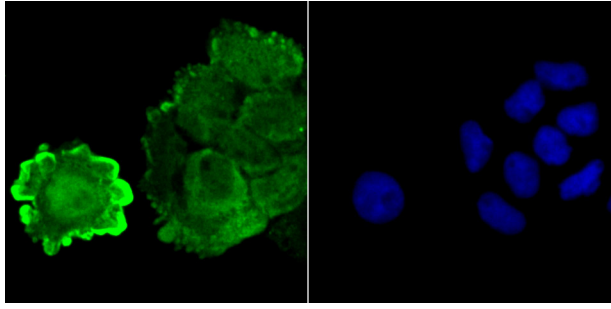
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-JAB1 antibody. Counter stained with hematoxylin.



ICC staining JAB1 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining JAB1 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining JAB1 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Genes belonging to the Jun and Fos oncogene families encode nuclear proteins that are found to be associated with a number of transcriptional complexes. The c-Jun protein is a major component of the transcription factor AP-1, originally shown to mediate phorbol ester tumor promoter (TPA)-induced expression of responsive genes through the TPA-response element (TRE). The Jun proteins form homo- and heterodimers which bind the TRE, but the Fos proteins are active only as heterodimers with any of the Jun proteins. Fos/Jun heterodimers have a much higher affinity for the TRE than Jun homodimers. Ha-Ras augments c-Jun activity and stimulates phosphorylation of its activation domain. The coactivator of Jun, designated JAB1 (for Jun-activation domain-binding protein), interacts with c-Jun and Jun D, but not with Jun B or v-Jun. This interaction enhances the transactivating ability of Jun proteins by stabilizing their binding to the TRE. The gene encoding JAB1 maps to human chromosome 8q12.3.

References

Note: This product is for in vitro research use only