Product Datasheet

Apg3 Rabbit mAb

Catalog No: #HW233

Package Size: #HW233-1 50ul #HW233-2 100ul

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

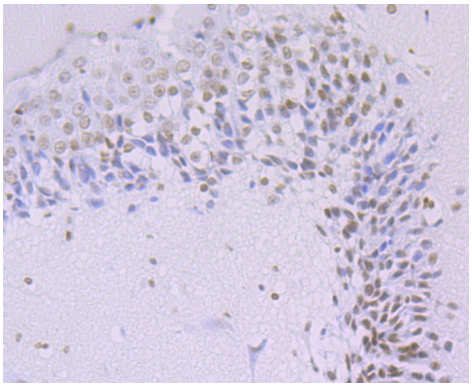
Description

Product Name	Apg3 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	JU43-26
Purification	ProA affinity purified
Applications	WB,ICC/IF,IHC,IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Accession No.	Swiss-Prot#:P68431
Uniprot	P68431
GeneID	8350;8351;8352;8353;8354;8355;8356;8357;8358;8968;
Calculated MW	11/15 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

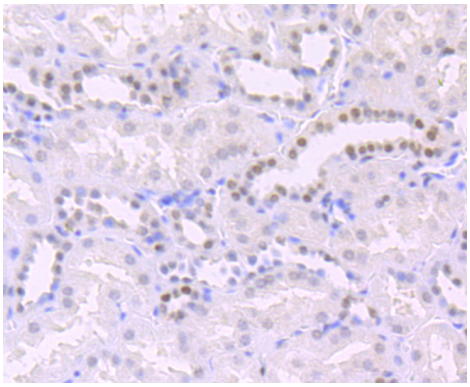
Application Details

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

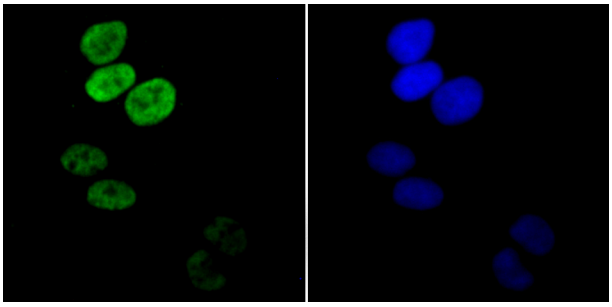
Images



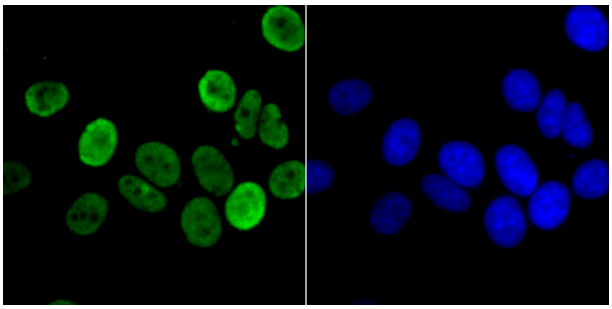
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Histone H3 (acetyl K14) antibody. Counter stained with hematoxylin.



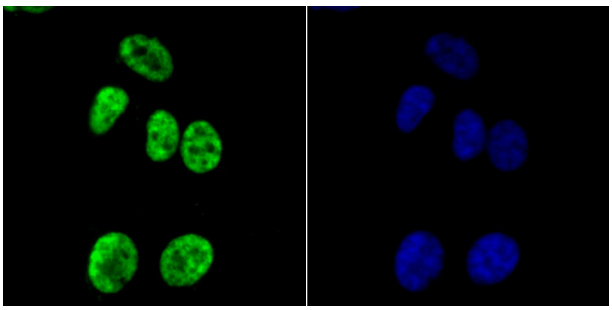
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Histone H3 (acetyl K14) antibody. Counter stained with hematoxylin.



ICC staining Histone H3 (acetyl K14) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Histone H3 (acetyl K14) in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Histone H3 (acetyl K14) in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

References

Note: This product is for in vitro research use only