Product Datasheet

KAP1 Rabbit mAb

Catalog No: #49167

Package Size: #49167-1 50ul #49167-2 100ul

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

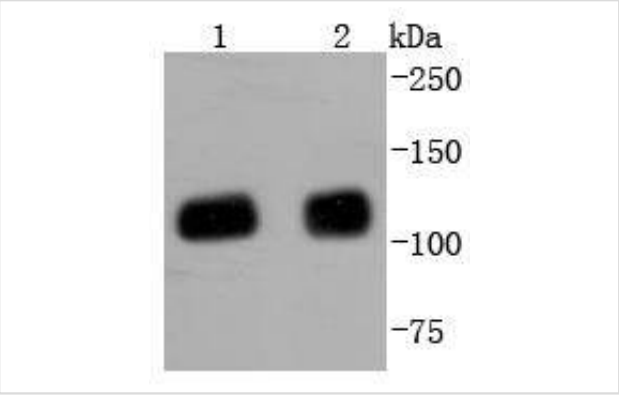
Description

Product Name	KAP1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SD081-05
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	E3 SUMO protein ligase TRIM28 antibody E3 SUMO-protein ligase TRIM28 antibody FLJ29029 antibody KAP 1 antibody KAP-1 antibody KRAB associated protein 1 antibody KRAB interacting protein 1 antibody KRAB-associated protein 1 antibody KRAB-interacting protein 1 antibody KRIP 1 antibody KRIP-1 antibody KRIP1 antibody Nuclear corepressor KAP 1 antibody Nuclear corepressor KAP-1 antibody RING finger protein 96 antibody RNF96 antibody TF1B antibody TIF1 beta antibody TIF1-beta antibody TIF1B antibody TIF1B_HUMAN antibody Transcription intermediary factor 1 beta antibody Transcription intermediary factor 1-beta antibody Trim28 antibody Tripartite motif containing 28 antibody tripartite motif containing protein 28 antibody Tripartite motif-containing protein 28 antibody
Accession No.	Swiss-Prot#:Q13263
Uniprot	Q13263
GeneID	10155;
Calculated MW	110 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

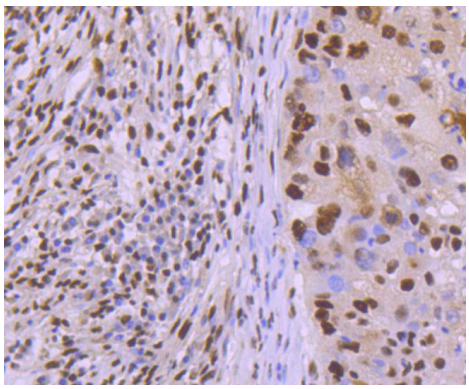
Application Details

WB: 1:2,000-1:5,000IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

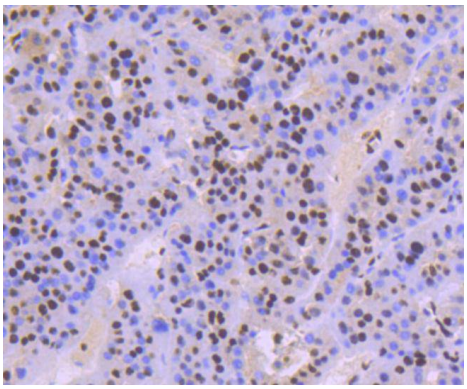
Images



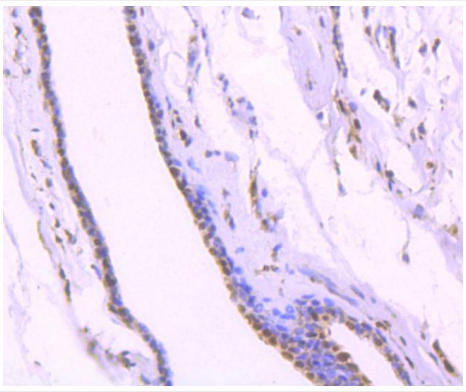
Western blot analysis of KAP1 on different lysates using anti-KAP1 antibody at 1/1,000 dilution. Positive control: Lane 1: HepG2 Lane 2: Hela



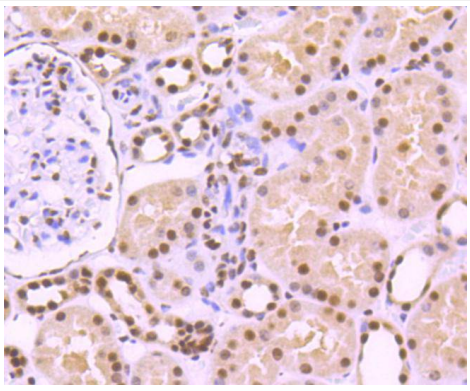
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-KAP1 antibody. Counter stained with hematoxylin.



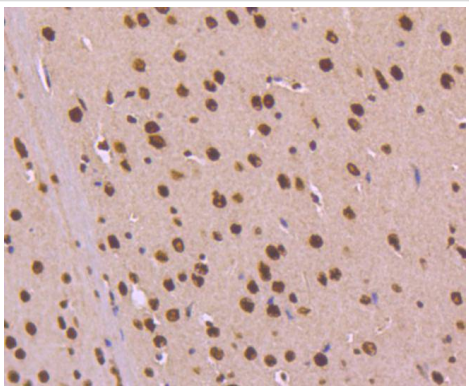
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-KAP1 antibody. Counter stained with hematoxylin.



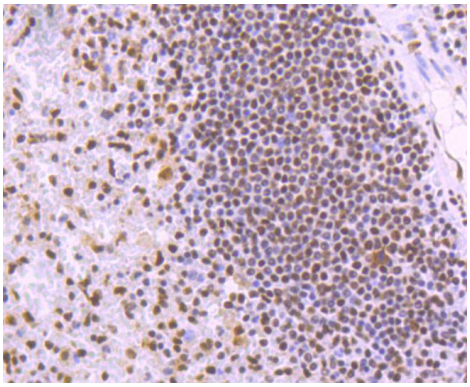
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-KAP1 antibody. Counter stained with hematoxylin.



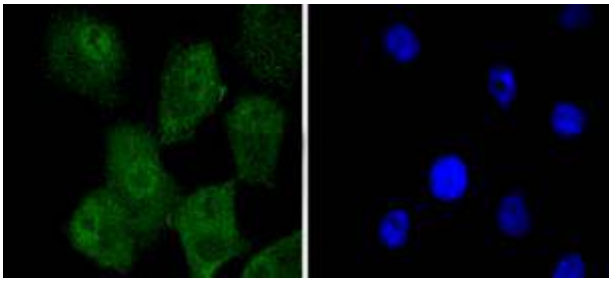
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-KAP1 antibody. Counter stained with hematoxylin.



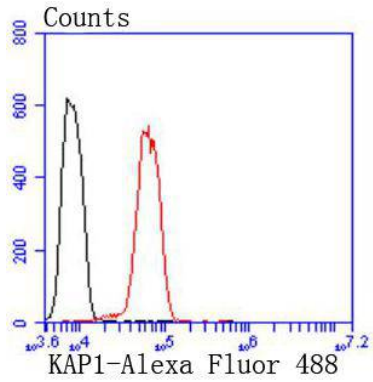
Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-KAP1 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-KAP1 antibody. Counter stained with hematoxylin.



ICC staining KAP1 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of Hela cells with KAP1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

TIF1β, for transcriptional intermediary factor 1-beta, also designated KAP1(for KRAB-associated protein 1), TF1β and TRIM28 (for tripartif motif-containing 28), is a member of the tripartif motif family characterized by three zinc-binding domains, a RING finger, B-boxes and a coiled-coil domain. Like TIF1α, TIF1β contains both a Cys/His PHD (plant homeodomain) finger and bromodomain that form a cooperative unit required for transcriptional repression. TIF1β mediates transcriptional control by interaction with the Kruppel-associated box (KRAB) repression domain found in many transcription factors and by binding DNA through its zinc finger. The human TIF1β gene maps to human chromosome 19q13.4 and encodes an 835 amino acid nuclear protein.

References

Note: This product is for in vitro research use only