Product Datasheet

BAF57 Rabbit mAb

Catalog No: #49985

Package Size: #49985-1 50ul #49985-2 100ul

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

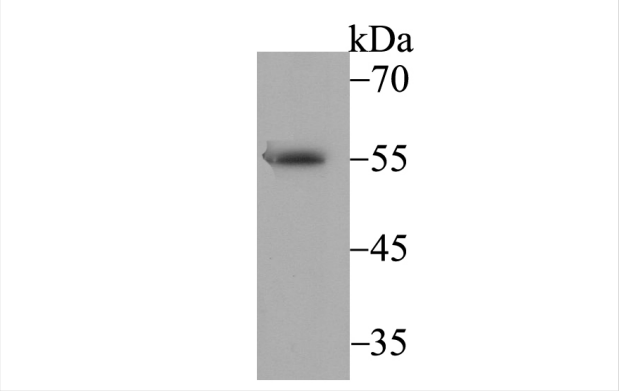
Description

Product Name	BAF57 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JE41-11
Purification	ProA affinity purified
Applications	WB,ICC,IF,IHC,IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human BAF57 aa 1-200.
Other Names	BAF57 antibody BRG1 associated factor 57 antibody BRG1-associated factor 57 antibody Chromatin remodeling complex BRG1 associated factor 57 antibody FLJ35648 antibody SMARCE 1 antibody SMARCE1 antibody SMCE1_HUMAN antibody SWI/SNF related matrix associated actin dependent regulator of chromatin e1 antibody SWI/SNF related matrix associated actin dependent regulator of chromatin subfamily e member 1 antibody SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1 antibody
Accession No.	Swiss-Prot#:Q969G3
Uniprot	Q969G3
GeneID	6605;
Calculated MW	47 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

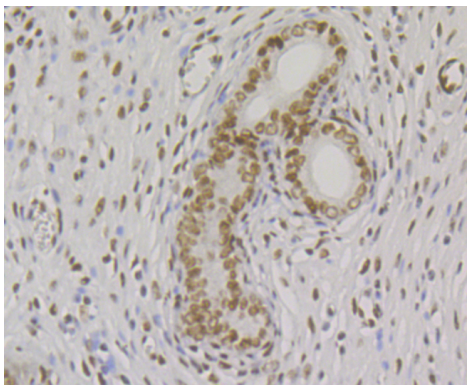
Application Details

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

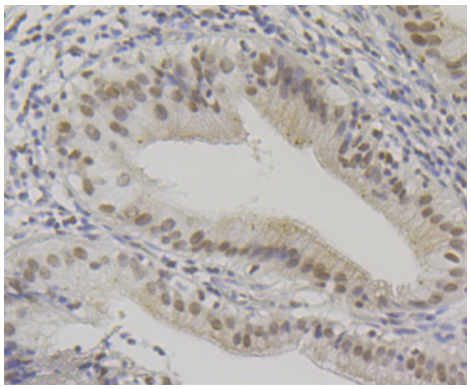
Images



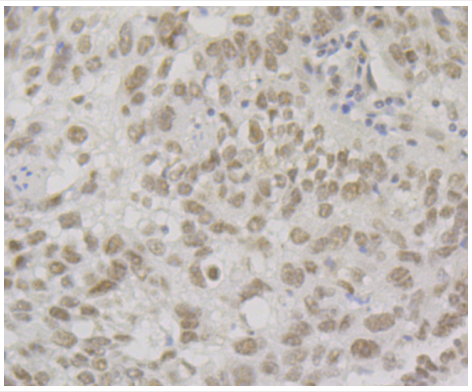
Western blot analysis of BAF57 on SH-SY-5Y cell lysate using anti-BAF57 antibody at 1/1,000 dilution.



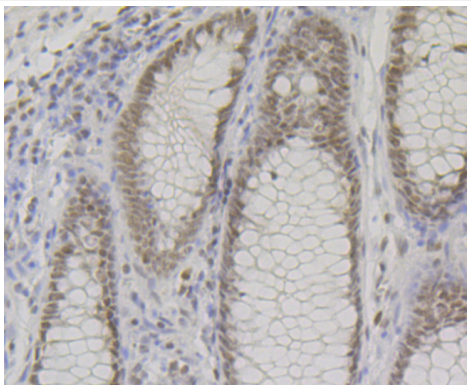
Immunohistochemical analysis of paraffin-embedded rat uterus tissue using anti-BAF57 antibody. Counter stained with hematoxylin.



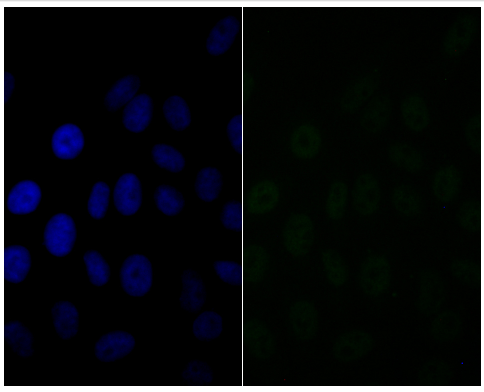
Immunohistochemical analysis of paraffin-embedded human gallbladder tissue using anti-BAF57 antibody. Counter stained with hematoxylin.



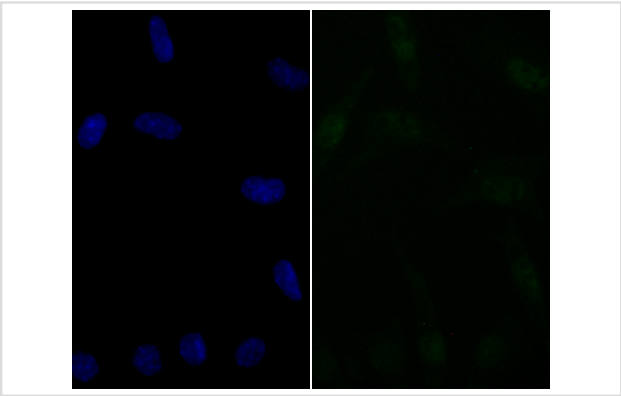
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-BAF57/SMARCE1 antibody. Counter stained with hematoxylin.



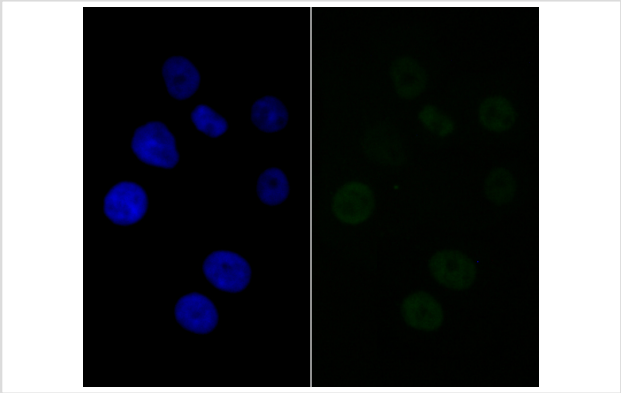
Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-BAF57 antibody. Counter stained with hematoxylin.



ICC staining BAF57 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining BAF57 in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining BAF57 in SK-Br-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

The SWI/SNF complex is involved in the activation of transcription via the remodeling of nucleosome structure in an ATP-dependent manner. Brm (also designated SNF1 or SNF2α) and Brg-1 (also designated SNF2 or SNF2β) are the ATPase subunits of the mammalian SWI/SNF complex. Brm, Brg-1, Ini1 (integrase interactor 1, also designated SNF5), BAF155 (also designated SRG3) and BAF170 are thought to comprise the functional core of the SWI/SNF complex. In higher eukaryotes, BAF57 is also a critical component of the SWI/ SNF complex. BAF57 contains a high-mobility-group (HMG) domain adjacent to a kinesin-like region and is a DNA-binding subunit of the SWI/SNF complex. The human BAF57 gene maps within the q12-25 region of chromosome 17, a gene-rich area implicated in breast and ovarian cancers.

References

Note: This product is for in vitro research use only