

ACTL6A Rabbit mAb

Catalog No: #59875

Package Size: #59875-1 50ul #59875-2 100ul

Description

Product Name	ACTL6A Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	ACTL6A Antibody detects endogenous levels of total ACTL6A
Immunogen Description	A synthesized peptide derived from human ACTL6A
Other Names	ACTL6; ACTL6A; Arp4; ArpNbeta; BAF53; BAF53A; hArpN beta; INO80K;
Accession No.	Uniprot:O96019
Calculated MW	Predicted band size: 47 kDa
SDS-PAGE MW	Observed band size: 47 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

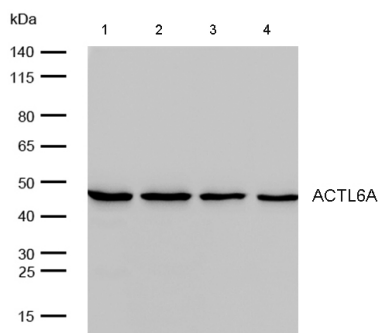
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: ACTL6A Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : JK whole cell lysates

Lane 3 : HepG2 whole cell lysates Lane 4 : MCF-7 whole cell lysates

Lysates/proteins at 20 µg per lane.

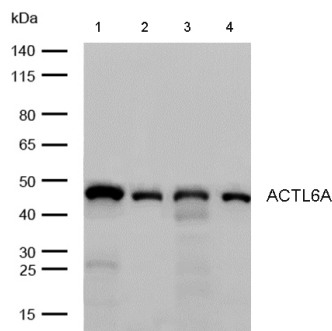
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 47 kDa

Observed band size: 47 kDa

Exposure time: 6 seconds



All lanes: ACTL6A Rabbit mAb at 1/1k dilution

Lane 1 : Mouse spleen lysates Lane 2 : Mouse lung lysates

Lane 3 : Rat spleen lysates Lane 4 : Rat lung lysates

Lysates/proteins at 20 µg per lane.

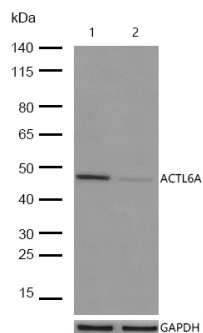
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 47 kDa

Observed band size: 47 kDa

Exposure time: 7 seconds

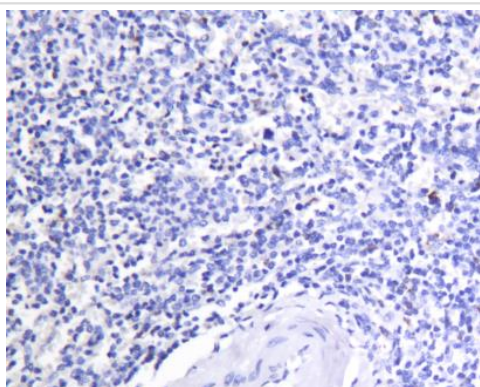


All lanes:ACTL6A Rabbit mAb at 1/1k dilution

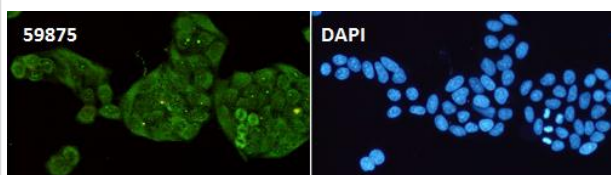
Lane 1 : Wild-type HeLa cell lysate

Lane 2 :ACTL6A Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human spleen tissue stained for ACTL6A using 59875 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence ACTL6A antibody (59875) ICC/IF staining of ACTL6A in HUVEC cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59875 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Required for maximal ATPase activity of SMARCA4/BRG1/BAF190A and for association of the SMARCA4/BRG1/BAF190A containing remodeling complex BAF with chromatin/nuclear matrix.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.