CLSTN1 Rabbit mAb

Catalog No: #59965

Package Size: #59965-1 50ul #59965-2 100ul

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

Description

Product Name	CLSTN1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse
Specificity	CLSTN1 Antibody detects endogenous levels of total CLSTN1
Immunogen Description	A synthesized peptide derived from human CLSTN1
Other Names	Alcadein alpha 1; alcalpha1; alcalpha2; Calsyntenin 1; CDHR12; Clstn1; CS1; CSTN1; PIK3CD; XB31alpha;
Accession No.	Uniprot:O94985
Calculated MW	Predicted band size: 110 kDa
SDS-PAGE MW	Observed band size: 150 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.

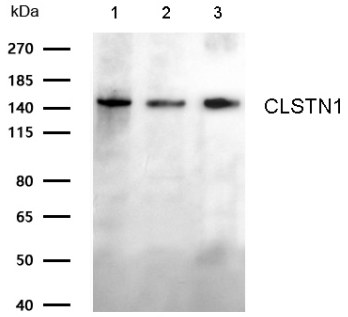
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



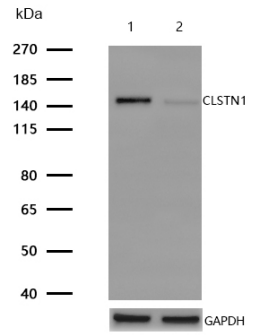
All lanes: CLSTN1 Rabbit mAb at 1/1k dilution

Lane 1 : 293T whole cell lysates Lane 2 : JK whole cell lysates
Lane 3 : Mouse brain 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: 110 kDa
Observed band size: 150 kDa

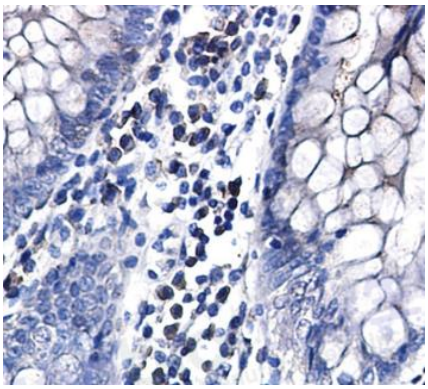
Exposure time: 12 seconds



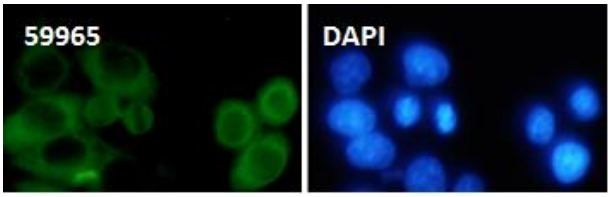
All lanes:CLSTN1 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type Hela cell lysate
Lane 2 :CLSTN1 Rabbit mAb knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human colon cancer tissue stained for CLSTN1 using 59965 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence CLSTN1 antibody (59965) ICC/IF staining of CLSTN1 in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59965 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

Induces KLC1 association with vesicles and functions as a cargo in axonal anterograde transport. Complex formation with APBA2 and APP, stabilizes APP metabolism and enhances APBA2-mediated suppression of beta-APP40 secretion, due to the retardation of intracellular APP maturation.

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