

Calcineurin A Rabbit mAb

Catalog No: #59412

Package Size: #59412-1 50ul #59412-2 100ul

Description

Product Name	Calcineurin A Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Calcineurin A Antibody detects endogenous levels of total Calcineurin A
Immunogen Description	A synthesized peptide derived from human Calcineurin A
Other Names	Calcineurin A1; CalcineurinA; CALN; CALNA 1; CALNA; CALNA1; CAM PRP; CNA alpha; CCN1;
Accession No.	Uniprot:Q08209
Calculated MW	59kDa
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.

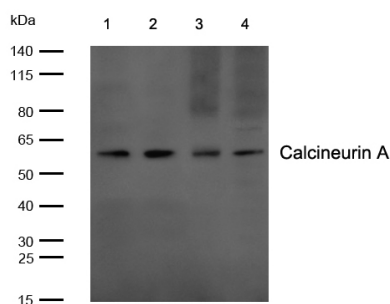
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: Calcineurin A Rabbit mAb at 1/1k dilution

Lane 1 : 293 whole cell lysates Lane 2 : A431 whole cell lysates Lane 3 : Mouse lung lysates Lane 4 : Rat brain lysates

Lysates/proteins at 20 µg per lane.

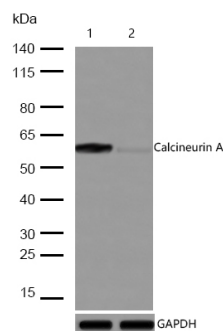
Secondary

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

Predicted band size: 59 kDa

Observed band size: 59 kDa

Exposure time: 5 seconds

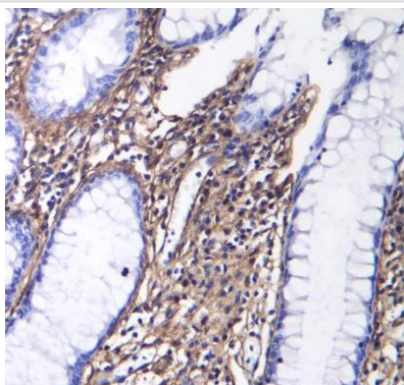


All lanes: Calcineurin A Rabbit mAb at 1/1k dilution

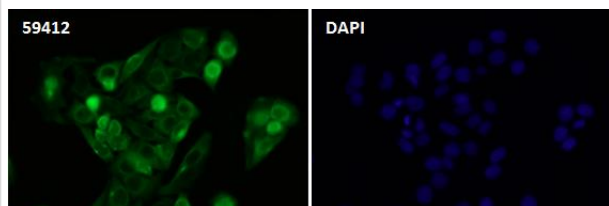
Lane 1 : Wild-type Hela cell lysate

Lane 2 : Calcineurin A Rabbit mAb knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human colon tissue stained for Calcineurin A using 59412 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Calcineurin A antibody (59412) ICC/IF staining of Calcineurin A in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59412 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

Calcineurin, also known as protein phosphatase 2B (PP2B), is a calmodulin-dependent, calcium-activated, serine/threonine protein phosphatase composed of a catalytic subunit (calcineurin A) and a tightly bound regulatory subunit (calcineurin B). Calcium-dependent, calmodulin-stimulated protein phosphatase. This subunit may have a role in the calmodulin activation of calcineurin. Dephosphorylates DNM1L, HSPB1 and SSH1.

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