

LIS1 Rabbit mAb

Catalog No: #59794

Package Size: #59794-1 50ul #59794-2 100ul

Description

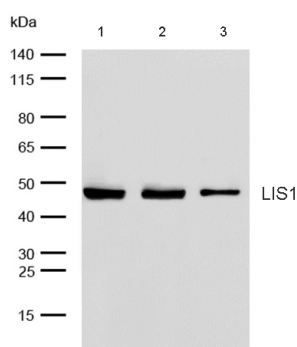
Product Name	LIS1 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	LIS1 Antibody detects endogenous levels of total LIS1
Immunogen Description	A synthesized peptide derived from human LIS1
Other Names	LIS1; LIS2; MDCR; MDS; PAFAH alpha; PAFAH; PAFAH1B1; PAFAHA;
Accession No.	Uniprot:P43034
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

ICC/IF: 1:50-1:200

Images



All lanes: LIS1 Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : 293 whole cell
lysates Lane 3 : MCF-7 whole cell lysates
Lysates/proteins at 20 µg per lane.

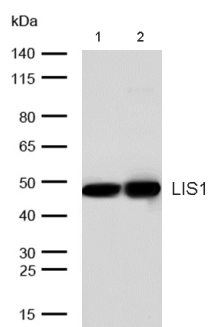
Secondary

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: 4 seconds



All lanes: LIS1 Rabbit mAb at 1/1k dilution

Lane 1 : Mouse brain lysates Lane 2 : Rat brain lysates
Lysates/proteins at 20 µg per lane.

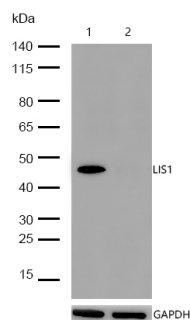
Secondary

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

Predicted band size: 47 kDa

Observed band size: 47 kDa

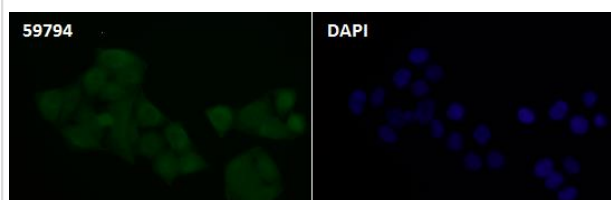
Exposure time: 2 seconds



All lanes: LIS1 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HeLa cell lysate
Lane 2 : LIS1 Rabbit mAb knockdown HeLa cell lysate

Lysates/proteins at 20 µg per lane.



Immunocytochemistry/ Immunofluorescence LIS1 antibody (59794) ICC/IF staining of LIS1 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59794 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

Required for proper activation of Rho GTPases and actin polymerization at the leading edge of locomoting cerebellar neurons and postmigratory hippocampal neurons in response to calcium influx triggered via NMDA receptors.

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