

For Research Use Only

LXN Monoclonal antibody

Catalog Number: 66957-1-Ig



Basic Information

Catalog Number: 66957-1-Ig	GenBank Accession Number: BC005346	Purification Method: Protein G purification
Size: 1800 µg/ml	GeneID (NCBI): 56925	CloneNo.: 3E5A5
Source: Mouse	UNIPROT ID: Q9B540	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:250-1:1000 IF 1:400-1:1600
Isotype: IgG1	Full Name: latexin	
Immunogen Catalog Number: AG27922	Calculated MW: 222 aa, 26 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications:
FC, IF/ICC, IHC, WB, ELISA

Species Specificity:
Human, Pig, rabbit

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : pig brain tissue, A549 cells, HEK-293 cells, SH-SY5Y cells, rabbit brain tissue, HeLa cells

IHC : human heart tissue,

IF : HeLa cells,

Background Information

Latexin, also named as LTXN, LXN, ECI, MUM and TCI, is hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4. It may function as a neuroprotective mechanism against tau toxicity.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

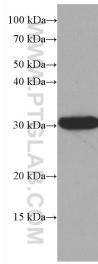
T: 4006900926

E: Proteintech-CN@ptglab.com

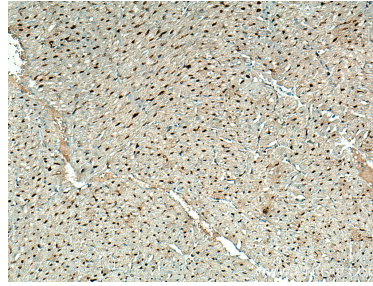
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

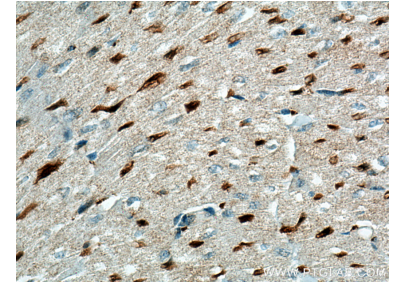
Selected Validation Data



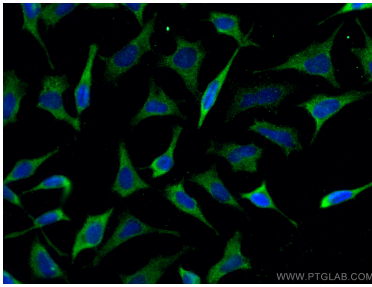
pig brain tissue were subjected to SDS PAGE followed by western blot with 66957-1-Ig (LXN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



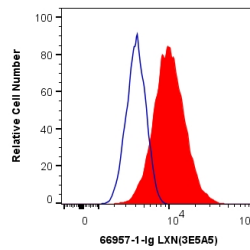
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 66957-1-Ig (LXN antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 66957-1-Ig (LXN antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using LXN antibody (66957-1-Ig, Clone: 3E5A5) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Anti-Human LXN (66957-1-Ig, Clone:3E5A5) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).