

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: 150ul , Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 56925	CloneNo.: 3E5A5
Source: Mouse	Full Name: latexin	Recommended Dilutions: WB 1:2000-1:10000 IHC 1:250-1:1000 IF 1:400-1:1600
Isotype: IgG1	Calculated MW: 222 aa, 26 kDa	
Immunogen Catalog Number: AG27922	Observed MW: 30 kDa	

Applications

Tested Applications:
FC, IF, 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

*** 20ul sizes contain 0.1% BSA

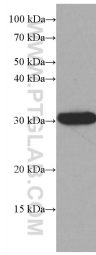
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

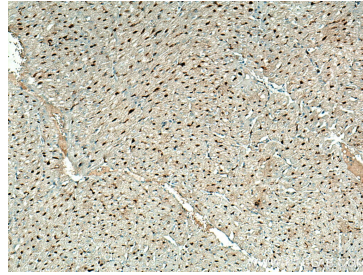
E: proteintech@ptglab.com
W: ptglab.com

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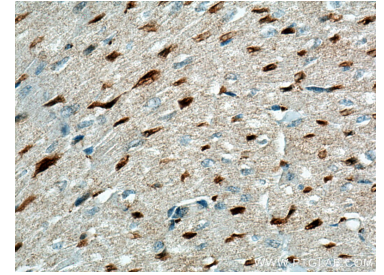
Selected Validation Data



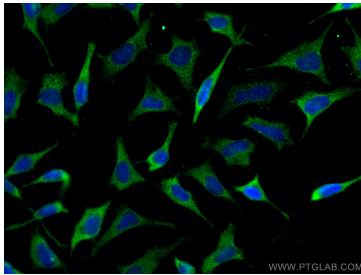
pig brain tissue were subjected to SDS PAGE followed by western blot with 66957-1-Ig (LXN antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



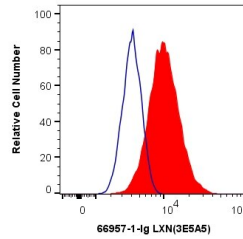
Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 66957-1-Ig (LXN antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).