

For Research Use Only

LAYN Recombinant antibody, PBS Only

Catalog Number: 85900-1-PBS



Basic Information

Catalog Number:	85900-1-PBS	GenBank Accession Number:	BC025407	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	143903	CloneNo.:	250175B7
Source:	Rabbit	UNIPROT ID:	Q6UX15		
Isotype:	IgG	Full Name:	layilin		
Immunogen Catalog Number:	AG14508	Calculated MW:	382 aa, 43 kDa		
		Observed MW:	43 kDa		

Applications

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

Species Specificity:
human, mouse, rat

Background Information

LAYN acts as a receptor for hyaluronic acid (HA) and is involved in various cellular processes, including cell adhesion, movement, and signal transduction. In the context of cancer, LAYN has been identified as a prognostic biomarker. High expression of LAYN is associated with poor prognosis and increased immune cell infiltration in various cancers, such as colorectal cancer and gastric cancer. It may also play a role in T-cell exhaustion and the regulation of tumor-associated macrophages (PMID: 30761122).

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

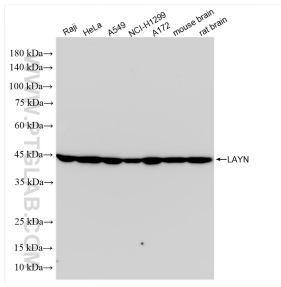
T: 4006900926

E: Proteintech-CN@ptglab.com

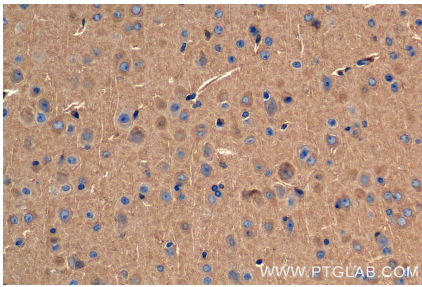
W: ptgcn.com

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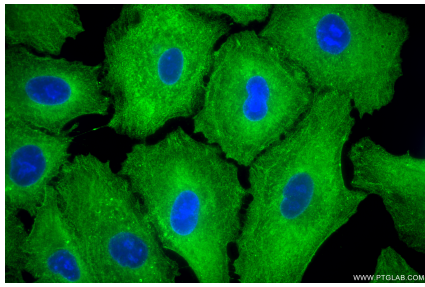
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85900-1-RR (LAYN antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85900-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 85900-1-RR (LAYN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85900-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using LAYN antibody (85900-1-RR, Clone: 250175B7) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 85900-1-PBS in a different storage buffer formulation.