

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	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

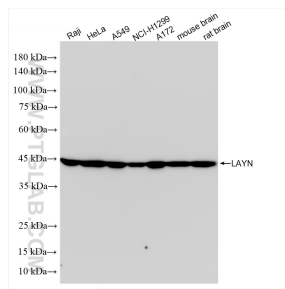
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

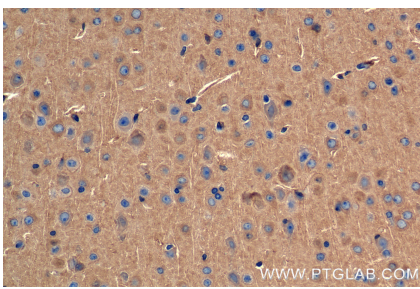
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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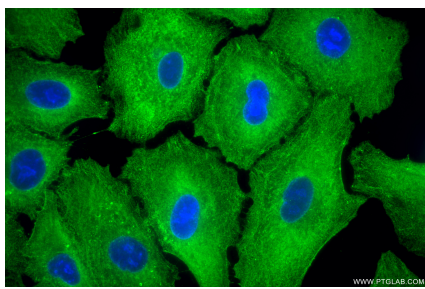
Selected Validation Data



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.