

For Research Use Only

# LAYN Polyclonal antibody

Catalog Number: 20535-1-AP **1 Publications**



## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>20535-1-AP  | <b>GenBank Accession Number:</b><br>BC025407 | <b>Purification Method:</b><br>Antigen affinity purification                          |
| <b>Size:</b><br>150ul , Concentration: 1300 µg/ml by Nanodrop and 600 µg/ml by Bradford method using BSA as the standard; | <b>GeneID (NCBI):</b><br>143903              | <b>Recommended Dilutions:</b><br>WB 1:1000-1:8000<br>IHC 1:200-1:800<br>IF 1:10-1:100 |
| <b>Source:</b><br>Rabbit  | <b>Full Name:</b><br>layilin                 |   |
| <b>Isotype:</b><br>IgG  | <b>Calculated MW:</b><br>382 aa, 43 kDa      |   |
| <b>Immunogen Catalog Number:</b><br>AG14508   | <b>Observed MW:</b><br>43 kDa                |   |

## Applications

|  |   |
|--|---|
| <b>Tested Applications:</b><br>IF, IHC, WB, ELISA  | <b>Positive Controls:</b><br>WB : A549 cells, mouse brain tissue, NCI-H1299 cells |
| <b>Cited Applications:</b><br>IF, WB   | <b>IHC :</b> human liver cancer tissue,   |
| <b>Species Specificity:</b><br>human, mouse  | <b>IF :</b> HepG2 cells,  |
| <b>Cited Species:</b><br>mouse   |   |
| <b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b> |   |

## Background Information

### Notable Publications

| Author       | Pubmed ID | Journal        | Application |
|--------------|-----------|----------------|-------------|
| Guiqing Zhou | 36526052  | Environ Pollut | WB,IF       |

## Storage

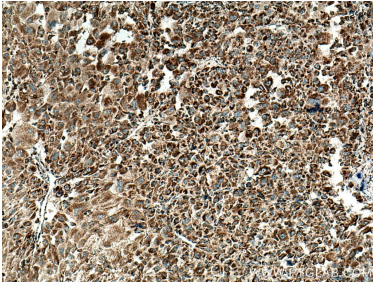
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

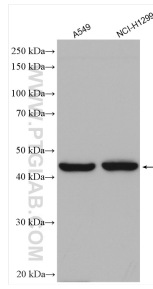
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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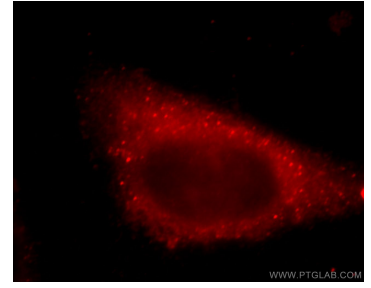
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 20535-1-AP (LAYN antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 20535-1-AP (LAYN antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using LAYN antibody 20535-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).