

For Research Use Only

# LARP4 Polyclonal antibody

Catalog Number: 16529-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 16529-1-AP	<b>GenBank Accession Number:</b> BC022377	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 113251	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> La ribonucleoprotein domain family, member 4	<b>IHC 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 188 aa, 21 kDa, 81 kDa	
<b>Immunogen Catalog Number:</b> AG9777	<b>Observed MW:</b> 81 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, IP, WB	<b>WB:</b> Y79 cells,
<b>Species Specificity:</b> human, mouse, rat	<b>IP:</b> Y79 cells,
<b>Cited Species:</b> human, mouse	<b>IHC:</b> human brain tissue, human kidney tissue, human lung tissue, human ovary tissue, human spleen tissue, human testis tissue
<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
Zhenfeng Mao	37169020	Front Cell Dev Biol	WB, IF, IP

## 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

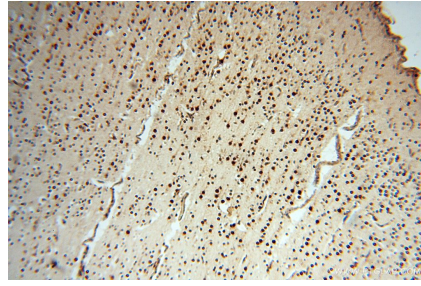
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

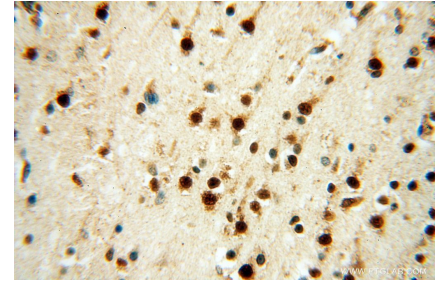
## Selected Validation Data



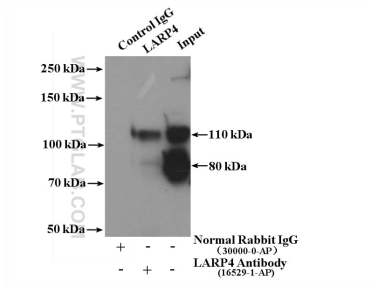
Y79 cells were subjected to SDS PAGE followed by western blot with 16529-1-AP (LARP4 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain using 16529-1-AP (LARP4 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human brain using 16529-1-AP (LARP4 antibody) at dilution of 1:50 (under 40x lens).



IP Result of anti-LARP4 (IP:16529-1-AP, 4ug;  
Detection:16529-1-AP 1:300) with Y79 cells lysate 2000ug.