

For Research Use Only

# LPAR4 Polyclonal antibody

Catalog Number: 22165-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 22165-1-AP	<b>GenBank Accession Number:</b> BC069996	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 2846	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> lysophosphatidic acid receptor 4	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 370 aa, 42 kDa	
<b>Immunogen Catalog Number:</b> AG17817	<b>Observed MW:</b> 42-50 kDa	

## Applications

<b>Tested Applications:</b> FC, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB :</b> SKOV-3 cells, mouse brain tissue, HL-60 cells, 3T3-L1 cells
<b>Species Specificity:</b> human, mouse, rat	<b>IHC :</b> human ovary tissue,
<b>Cited Species:</b> human	
<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
Chengsheng Wu	36646789	Nat Cell Biol	WB

## Storage

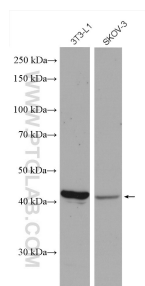
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

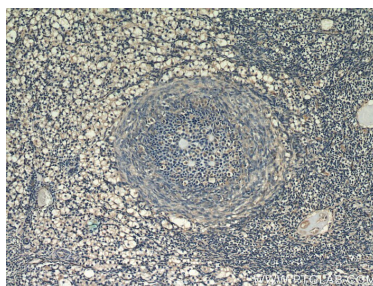
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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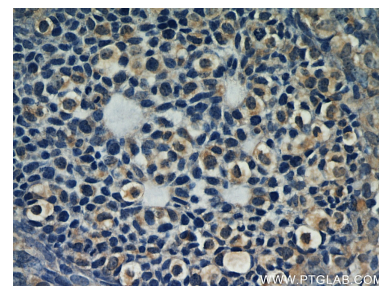
## Selected Validation Data



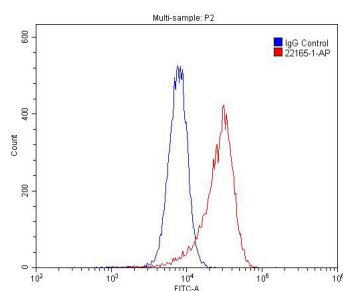
SKOV-3 cells were subjected to SDS PAGE followed by western blot with 22165-1-AP (LPAR4 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary using 22165-1-AP (LPAR4 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary using 22165-1-AP (LPAR4 antibody) at dilution of 1:50 (under 40x lens).



1X10<sup>6</sup> HL-60 cells were stained with 0.2ug LPAR4 antibody (22165-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.