

For Research Use Only

# AGPAT1 Polyclonal antibody

Catalog Number: 10601-1-AP

1 Publications



## Basic Information

### Catalog Number:

10601-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 220 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0837

### GenBank Accession Number:

BC003007

### GeneID (NCBI):

10554

### UNIPROT ID:

Q99943

### Full Name:

1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosphatidic acid acyltransferase, alpha)

### Calculated MW:

32 kDa

### Observed MW:

32 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate  
IHC 1:20-1:200

## Applications

### Tested Applications:

IP, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

IP: Raji cells, mouse skeletal muscle tissue

IHC: human skeletal muscle tissue, human testis tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Shohei Matsufuji	38066600	Cancer Metab	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)

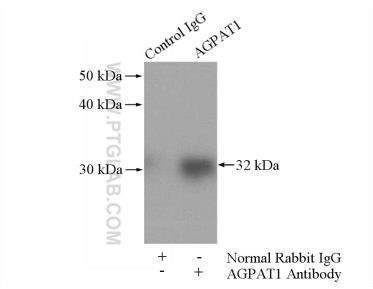
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human skeletal muscle using 10601-1-AP (AGPAT1 antibody) at dilution of 1:50 (under 10x lens).



IP result of anti-AGPAT1 (IP:10601-1-AP, 4ug; Detection:10601-1-AP 1:300) with Raji cells lysate 2000ug.