

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 µg/ml by Nanodrop and 220 µg/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)

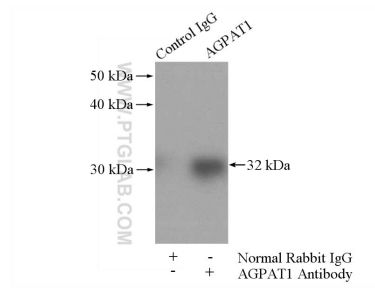
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



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.