

For Research Use Only

# AGPAT9 Polyclonal antibody

Catalog Number: 20603-1-AP

Featured Product

8 Publications



## Basic Information

<b>Catalog Number:</b> 20603-1-AP	<b>GenBank Accession Number:</b> BC006236	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 550 µg/ml by Nanodrop and 380 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84803	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:50-1:400 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> 1-acylglycerol-3-phosphate O-acyltransferase 9	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 49 kDa	
<b>Immunogen Catalog Number:</b> AG14579	<b>Observed MW:</b> 49 kDa	

## Applications

**Tested Applications:**  
FC, IF, IHC, WB, ELISA

**Cited Applications:**  
IF, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, rat, mouse

**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:**

**WB:** rat kidney tissue, HeLa cells, HT-1080 cells

**IHC:** human kidney tissue, human liver tissue

**IF:** HepG2 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Meng Shi	33664495	Nat Cell Biol	WB
Mingming Gao	31873720	Hum Mol Genet	WB
Shuxuan Li	38141939	Eur J Pharmacol	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

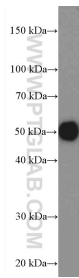
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

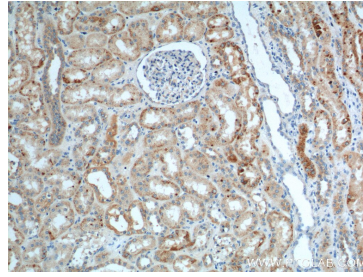
E: proteintech@ptglab.com  
W: ptglab.com

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

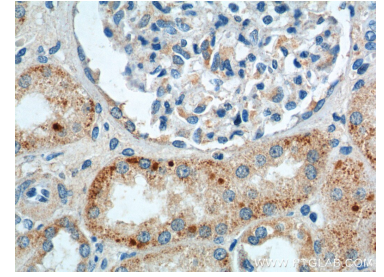
## Selected Validation Data



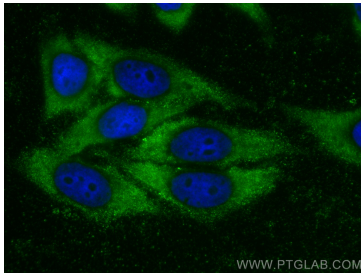
rat kidney tissue were subjected to SDS PAGE followed by western blot with 20603-1-AP (AGPAT9 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



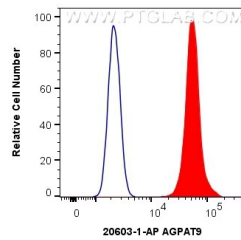
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 20603-1-AP (AGPAT9 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 20603-1-AP (AGPAT9 Antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using AGPAT9 antibody (20603-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.4 ug Anti-Human AGPAT9 (20603-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).