

For Research Use Only

AGPAT6 Polyclonal antibody

Catalog Number: 16762-1-AP **2 Publications**



Basic Information

Catalog Number:

16762-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10294

GenBank Accession Number:

BC051377

GeneID (NCBI):

137964

UNIPROT ID:

Q86UL3

Full Name:

1-acylglycerol-3-phosphate O-acyltransferase 6 (lysophosphatidic acid acyltransferase, zeta)

Calculated MW:

456 aa, 52 kDa

Observed MW:

52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, 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: mouse brain tissue, mouse testis tissue, rat brain tissue

IP: mouse brain tissue,

IHC: human testis tissue, human kidney tissue, human liver tissue, human ovary tissue, human skin tissue

Background Information

AGPAT6 is a member of the 1-acylglycerol-3-phosphate O-acyltransferase (AGPAT) family. AGPAT6 is expressed in brown adipose tissue and mammary epithelium as well as many other tissues. A deficiency of AGPAT6 in mice results in resistance to diet-induced and genetic forms of obesity.

Notable Publications

Author	Pubmed ID	Journal	Application
Andres Goldman	38177900	EMBO Rep	WB
Sasha M Milbeck	32602905	Invest Ophthalmol Vis Sci	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

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

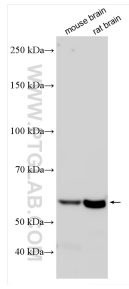
T: 4006900926

E: Proteintech-CN@ptglab.com

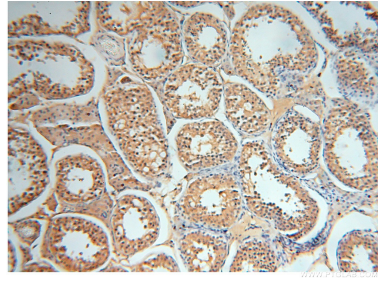
W: ptgcn.com

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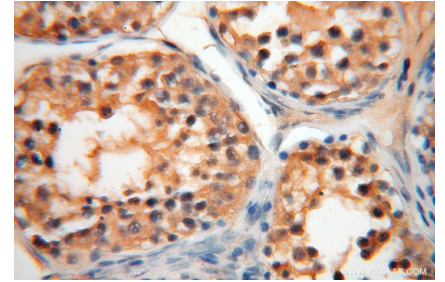
Selected Validation Data



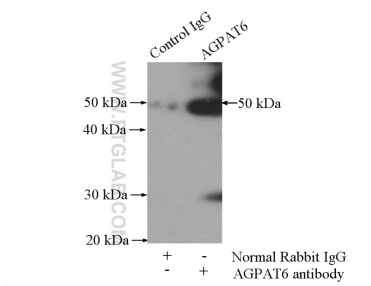
Various lysates were subjected to SDS PAGE followed by western blot with 16762-1-AP (AGPAT6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis using 16762-1-AP (AGPAT6 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 16762-1-AP (AGPAT6 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-AGPAT6 (IP:16762-1-AP, 4ug; Detection:16762-1-AP 1:1000) with mouse brain tissue lysate 2640ug.