

**LPAAT-6 Polyclonal Antibody**  
Catalog # AP70765**Specification****LPAAT-6 Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9NRZ5</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**LPAAT-6 Polyclonal Antibody - Additional Information**

Gene ID 56895

**Other Names**

AGPAT4; 1-acyl-sn-glycerol-3-phosphate acyltransferase delta; 1-acylglycerol-3-phosphate O-acyltransferase 4; 1-AGP acyltransferase 4; 1-AGPAT 4; Lysophosphatidic acid acyltransferase delta; LPAAT-delta

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**LPAAT-6 Polyclonal Antibody - Protein Information**

Name AGPAT4

**Function**

Converts 1-acyl-sn-glycerol-3-phosphate (lysophosphatidic acid or LPA) into 1,2-diacyl-sn-glycerol-3-phosphate (phosphatidic acid or PA) by incorporating an acyl moiety at the sn-2 position of the glycerol backbone (By similarity). Exhibits high acyl-CoA specificity for polyunsaturated fatty acyl-CoA, especially docosahexaenoyl-CoA (22:6-CoA, DHA-CoA) (By similarity).

**Cellular Location**

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:Q8K4X7}; Multi-pass membrane protein

**Tissue Location**

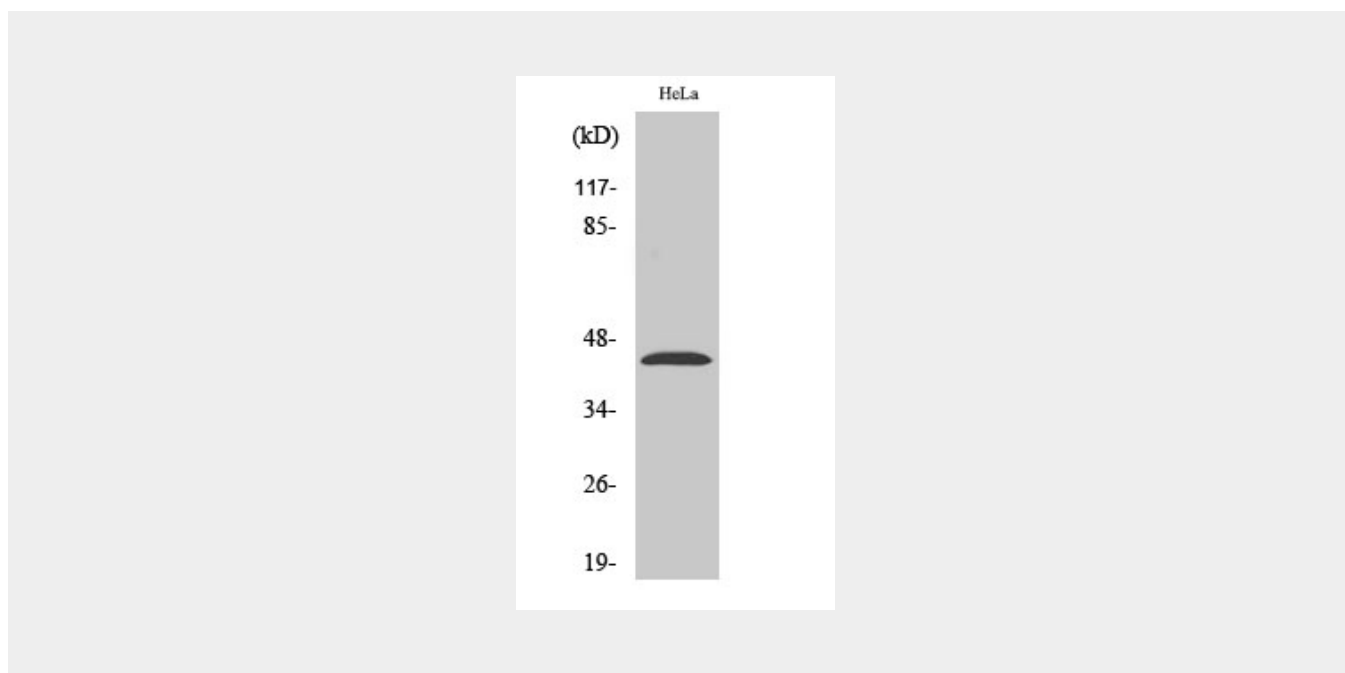
Widely expressed with highest levels in skeletal muscle, followed by heart, liver, prostate and thymus

## LPAAT- $\delta$ Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## LPAAT- $\delta$ Polyclonal Antibody - Images



## LPAAT- $\delta$ Polyclonal Antibody - Background

Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone.