

## AGPAT2

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**Reactivity:**Human Mouse

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:**30kDa

**Observed MW:**Refer to Figures

**Immunogen:**

Recombinant protein of human AGPAT2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

BSCL; BSCL1; LPAAB; 1-AGPAT2; LPAAT-beta;

**Background:**

This gene encodes a member of the 1-acylglycerol-3-phosphate O-acyltransferase family. The protein is located within the endoplasmic reticulum membrane and converts lysophosphatidic acid to phosphatidic acid, the second step in de novo phospholipid biosynthesis. Mutations in this gene have been associated with congenital generalized lipodystrophy (CGL), or Berardinelli-Seip syndrome, a disease characterized by a near absence of adipose tissue and severe insulin resistance. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

*To place an order, please [Click HERE](#).*

**Catalog #:**A6518

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**10555

**Isotype:**IgG

**Swiss Prot:**O15120

**Purity:**Affinity purification

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