

AGPAT2

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;

Catalog #: A6518

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 10555

Isotype: IgG

Swiss Prot: O15120

Purity: Affinity purification

For research use only.

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.

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