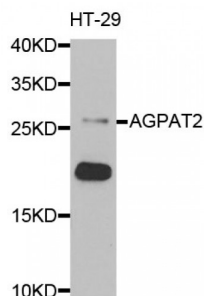
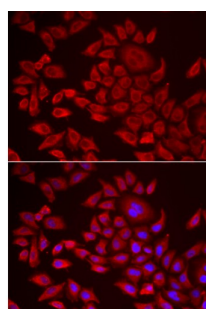


1-Acylglycerol-3-Phosphate O-Acyltransferase 2 (AGPAT2) Antibody

Catalogue No.: abx004998



Western blot analysis of extracts of HT-29 cells, using AGPAT2 antibody (abx004998) at 1/1000 dilution.



Immunofluorescence analysis of HeLa cells using AGPAT2 antibody (abx004998). Blue: DAPI for nuclear staining.

AGPAT2 Antibody is a Rabbit Polyclonal antibody against AGPAT2. 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.

Target: AGPAT2

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Recombinant protein of human AGPAT2.

Purification: Affinity purified.

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Form:	Liquid
Isotype:	IgG
Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 27 kDa/30 kDa Observed MW: 26 kDa
Swiss Prot:	O15120
GeneID:	10555
Gene Symbol:	AGPAT2
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.