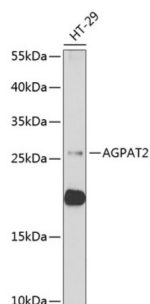
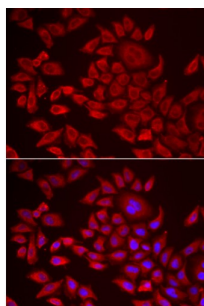


1-Acylglycerol-3-Phosphate O-Acyltransferase 2 (AGPAT2) Antibody

Catalogue No.: abx004998



Western blot analysis of extracts of HT-29 cells using AGPAT2 Antibody (1/1000 dilution).



Immunofluorescence analysis of HeLa cells using AGPAT2 Antibody

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

Clonality: Polyclonal

Reactivity: Human, Mouse

Tested Applications: WB, IF/ICC

Host: Rabbit

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

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein corresponding to human AGPAT2

Isotype: IgG

Datasheet

Version: 4.0.0
Revision date: 28 Feb 2025



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O15120 (UniProt , ExPASy)
Gene Symbol:	AGPAT2
GeneID:	10555
NCBI Accession:	NP_006403.2
KEGG:	hsa:10555
String:	9606.ENSP00000360761
Molecular Weight:	Calculated MW: 27 kDa/30 kDa Observed MW: 31 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.