

AGPAT2 antibody

Catalog No: #38972

Package Size: #38972-1 50ul #38972-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

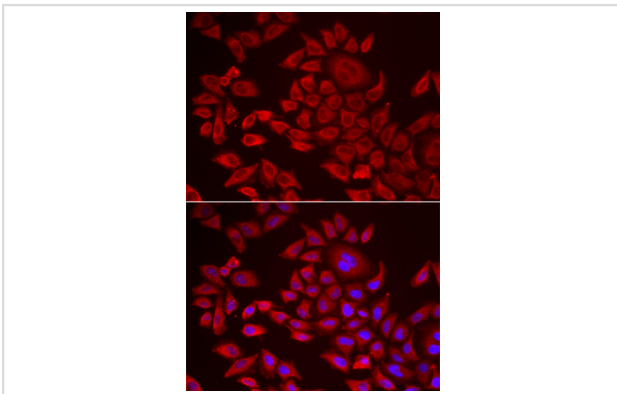
Description

Product Name	AGPAT2 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IF
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous level of total AGPAT2 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human AGPAT2.
Target Name	AGPAT2
Other Names	BSCL; BSCL1; LPAAB; 1-AGPAT2; LPAAT-beta;
Accession No.	Swiss-Prot#: O15120NCBI Gene ID: 10555
Uniprot	O15120
GeneID	10555;
SDS-PAGE MW	30kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

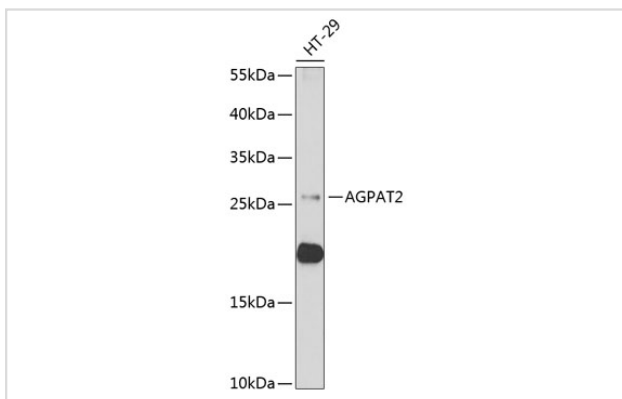
Application Details

WB □ 1:500 - 1:2000IF □ 1:50 - 1:100

Images



Immunofluorescence analysis of HeLa cells using AGPAT2 .
Blue: DAPI for nuclear staining.



Western blot analysis of extracts of HT-29 cells, using AGPAT2 at 1:1000 dilution.

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.

Note: This product is for in vitro research use only