AGPAT2 Polyclonal Antibody

Catalog Number:E-AB-61187

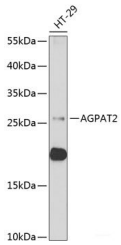
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

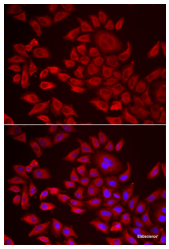
Reactivity	Human,Mouse
Immunogen	Recombinant fusion protein of human AGPAT2 (NP_006403.2).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50-1:100

Data



Western blot analysis of extracts of HT-29 cells using AGPAT2 Polyclonal Antibody at dilution of 1:1000.
Observed Mw:31kDa
Calculated Mw:27kDa/30kDa



Immunofluorescence analysis of HeLa cells using AGPAT2 Polyclonal Antibody

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.

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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