

Datasheet for ABIN7262361

anti-AGPAT2 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	AGPAT2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGPAT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human AGPAT2 (NP_006403.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	AGPAT2
Alternative Name:	AGPAT2 (AGPAT2 Products)
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-

Target Details

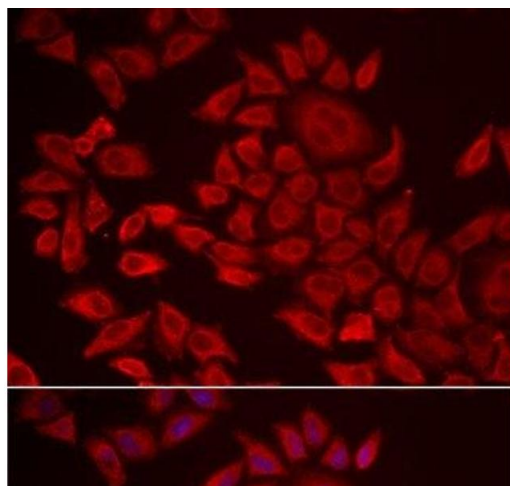
	Seip syndrome, a disease characterized by a near absence of adipose tissue and severe insulin resistance. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Molecular Weight:	Observed_MW: 31 kDa Calculated_MW: 27 kDa/30 kDa
Gene ID:	10555
UniProt:	O15120

Application Details

Application Notes:	WB 1:500-1:2000 IF 1:50-1:100
Restrictions:	For Research Use only

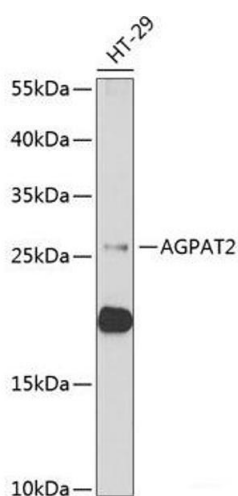
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using AGPAT2 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of HT-29 cells using AGPAT2 Polyclonal Antibody at dilution of 1:1000.