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Datasheet for ABIN5003801

anti-AGPAT6 antibody (AA 251-350) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	AGPAT6
Binding Specificity:	AA 251-350
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGPAT6 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GPAT4
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	AGPAT6
Alternative Name:	GPAT4 (AGPAT6 Products)

Target Details

Background: Synonyms: 1 acyl sn glycerol 3 phosphate acyltransferase zeta, 1 AGP acyltransferase 6, 1 AGPAT 6, 1-acylglycerol-3-phosphate O-acyltransferase 6, 1-AGP acyltransferase 6, 1-AGPAT 6, Acyl-CoA:glycerol-3-phosphate acyltransferase 4, AGPAT6, Glycerol-3-phosphate acyltransferase 4, GPAT4, GPAT4_HUMAN, LPAAT zeta, LPAAT-zeta, Lysophosphatidic acid acyltransferase zeta.

Background: Lysophosphatidic acid acyltransferases (EC 2.3.1.51) catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA). LPA and PA are involved in signal transduction and lipid biosynthesis.[supplied by OMIM, Apr 2004].

Pathways: [Hormone Transport, Regulation of Cell Size](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months