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Datasheet for ABIN5012012

anti-AGPAT6 antibody (AA 351-456) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	AGPAT6
Binding Specificity:	AA 351-456
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGPAT6 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TSARG7
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	AGPAT6
Alternative Name:	TSARG7 (AGPAT6 Products)
Background:	Synonyms: Testis spermatogenesis apoptosis-related protein 7, 1-acylglycerol-3-phosphate O-

Target Details

acyltransferase 6, lysophosphatidic acid acyltransferase zeta, AU041707, AW545732, putative lysophosphatidic acid acyltransferase, testis spermatogenesis apoptosis-related protein 7, 1 acyl sn glycerol 3 phosphate acyltransferase zeta, 1 AGP acyltransferase 6, Glycerol-3-phosphate acyltransferase 4, Acyl-CoA:glycerol-3-phosphate acyltransferase 4, 1 AGPAT 6, LPAAT zeta.

Background: AGPAT6 is a novel glycerolipid acyltransferase of the ER, which is crucial for the production of milk fat by the mammary gland. It converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an acyl moiety at the sn-2 position of the glycerol backbone.

Gene ID: 137964

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