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Datasheet for ABIN675398 **anti-AGPAT6 antibody (AA 351-456)**

Overview

Quantity:	100 µL
Target:	AGPAT6
Binding Specificity:	AA 351-456
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGPAT6 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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)

Target Details

Background:	<p>Synonyms: Testis spermatogenesis apoptosis-related protein 7, 1-acylglycerol-3-phosphate O-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.</p> <p>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.</p>
Gene ID:	137964
Pathways:	Hormone Transport , Regulation of Cell Size

Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C, -20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months