

Datasheet for ABIN7142023

anti-AGPAT5 antibody (AA 174-313)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	AGPAT5
Binding Specificity:	AA 174-313
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AGPAT5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human 1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon protein (174-313AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	AGPAT5
Alternative Name:	AGPAT5 (AGPAT5 Products)
Background:	Background: Converts lysophosphatidic acid (LPA) into phosphatidic acid by incorporating an

Target Details

acyl moiety at the sn-2 position of the glycerol backbone. Acts on LPA containing saturated or unsaturated fatty acids C15:0-C20:4 at the sn-1 position using C18:1-CoA as the acyl donor. Also acts on lysophosphatidylethanolamine using oleoyl-CoA, but not arachidonoyl-CoA, and lysophosphatidylinositol using arachidonoyl-CoA, but not oleoyl-CoA. Activity toward lysophosphatidylglycerol not detectable.

Aliases: 1 acyl sn glycerol 3 phosphate acyltransferase epsilon antibody, 1 acylglycerol 3 phosphate O acyltransferase 5 antibody, 1 AGP acyltransferase 5 antibody, 1 AGPAT 5 antibody, 1 AGPAT5 antibody, 1-acyl-sn-glycerol-3-phosphate acyltransferase epsilon antibody, 1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon) antibody, 1-acylglycerol-3-phosphate O-acyltransferase 5 antibody, 1-AGP acyltransferase 5 antibody, 1-AGPAT 5 antibody, 1acylglycerol3phosphate Oacyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon) antibody, 1acylglycerol3phosphate Oacyltransferase 5 antibody, 1acylglycerol3phosphate Oacyltransferase5 (lysophosphatidic acid acyltransferase, epsilon) antibody, 1AGP acyltransferase 5 antibody, 1AGPAT5 antibody, AGPAT5 antibody, LPAAT e antibody, LPAAT epsilon antibody, LPAAT-epsilon antibody, LPAATE antibody, Lysophosphatidic acid acyltransferase epsilon antibody, PLCE_HUMAN antibody

UniProt: [Q9NUQ2](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

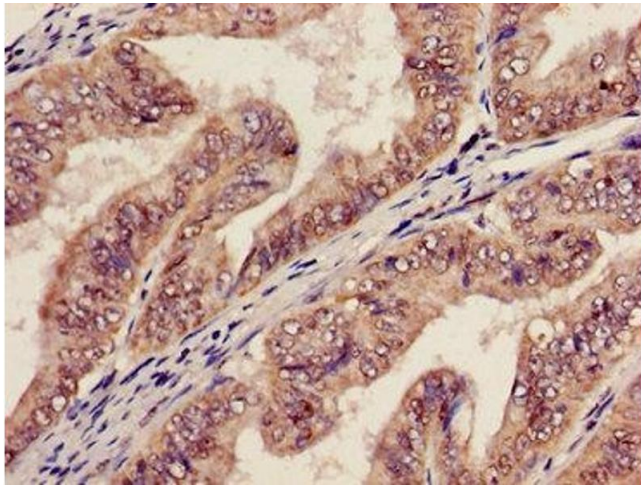
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

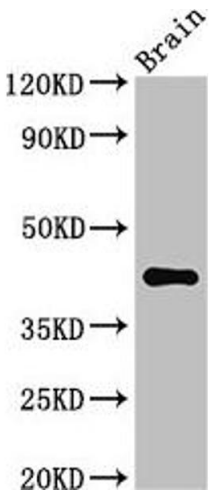
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



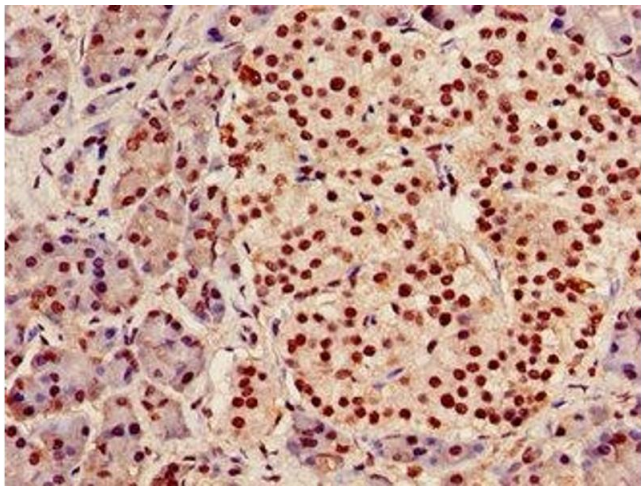
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human endometrial cancer using ABIN7142023 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse brain tissue All lanes: AGPAT5 antibody at 3.4 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 43 kDa Observed band size: 43 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7142023 at dilution of 1:100