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Datasheet for ABIN7143224
anti-LPGAT1 antibody (AA 151-341)

2 Images

Overview

Quantity:	100 µg
Target:	LPGAT1
Binding Specificity:	AA 151-341
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPGAT1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Acyl-CoA:lysophosphatidylglycerol acyltransferase 1 protein (151-341AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	LPGAT1
Alternative Name:	LPGAT1 (LPGAT1 Products)
Background:	Background: Lysophosphatidylglycerol (LPG) specific acyltransferase that recognizes various acyl-CoAs and LPGs as substrates but demonstrates a clear preference for long chain

Target Details

saturated fatty acyl-CoAs and oleoyl-CoA as acyl donors. Prefers oleoyl-LPG over palmitoyl-LPG as an acyl receptor and oleoyl-CoA over lauroyl-CoA as an acyl donor.

Aliases: Acyl CoA:lysophosphatidylglycerol acyltransferase 1 antibody, Acyl-CoA:lysophosphatidylglycerol acyltransferase 1 antibody, FAM34A antibody, FAM34A1 antibody, Family with sequence similarity 34 member A antibody, KIAA0205 antibody, LGAT1_HUMAN antibody, Lpgat1 antibody, lysophosphatidylglycerol acyltransferase 1 antibody, NET8 antibody

UniProt: [Q92604](#)

Application Details

Application Notes: Recommended dilution: WB:1:200-1:3000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

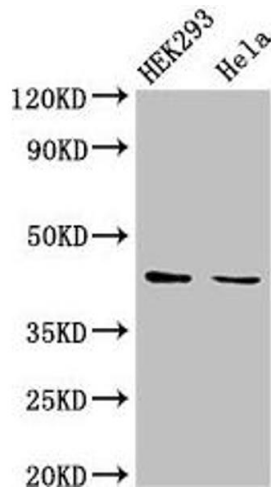
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

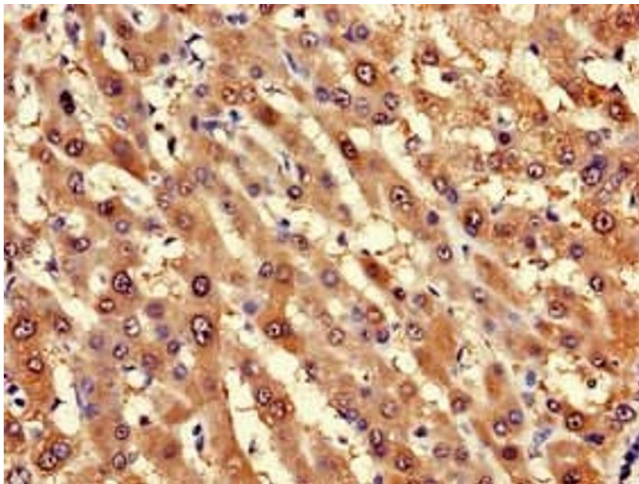
Storage: -20 °C,-80 °C

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



Western Blotting

Image 1. Western Blot Positive WB detected in: HEK293 whole cell lysate, HeLa whole cell lysate All lanes: LPGAT1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 44 kDa Observed band size: 44 kDa



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7143224 at dilution of 1:100