

Datasheet for ABIN653258
anti-PCAT1 antibody (C-Term)



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3 Images

Overview

Quantity:	400 µL
Target:	PCAT1
Binding Specificity:	AA 506-534, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCAT1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PCAT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 506-534 amino acids from the C-terminal region of human PCAT1.
Clone:	RB24843
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PCAT1
Alternative Name:	PCAT1 (PCAT1 Products)

Target Details

Background: PCAT1 acyltransferase (LPCAT, EC 2.3.1.23) catalyzes the conversion of LPC to hosphatidylcholine (PC) in the remodeling pathway of PC biosynthesis.

Molecular Weight: 59151

Gene ID: 79888

NCBI Accession: [NP_079106](#)

UniProt: [Q8NF37](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

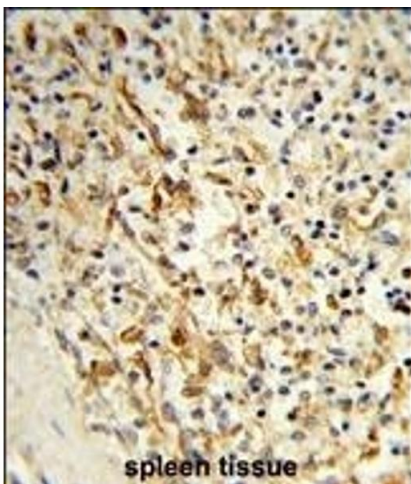
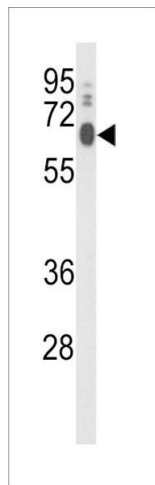
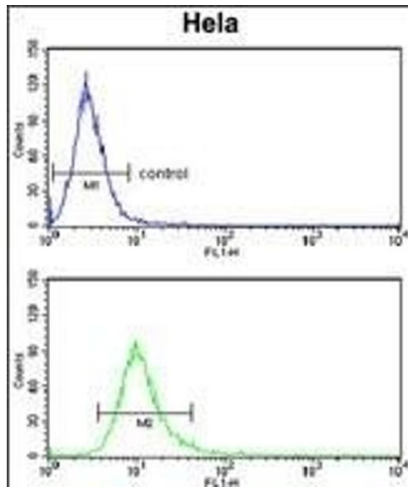
Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Flow Cytometry

Image 1. PCAT1 Antibody (C-term) (ABIN653258 and ABIN2842778) flow cytometry analysis of HeLa cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of PCAT1 Antibody (C-term) (ABIN653258 and ABIN2842778) in HeLa cell line lysates (35 µg/lane). PCAT1 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin-embedded human spleen tissue reacted with PCAT1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.