

Datasheet for ABIN2783952
anti-LPCAT1 antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	LPCAT1
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Pig, Zebrafish (Danio rerio), Dog, Guinea Pig, Horse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPCAT1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human LPCAT1
Sequence:	LRLPADTCLL EFARLVRLGLG LKPEKLEKDL DRYSERARMK GGEKIGIAEF
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Zebrafish: 92%
Characteristics:	This is a rabbit polyclonal antibody against LPCAT1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	LPCAT1
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Target Details

Alternative Name:	LPCAT1 (LPCAT1 Products)
Background:	<p>Lysophosphatidylcholine (LPC) acyltransferase (LPCAT, EC 2.3.1.23) catalyzes the conversion of LPC to phosphatidylcholine (PC) in the remodeling pathway of PC biosynthesis.</p> <p>Alias Symbols: AYTL2, FLJ12443, PFAAP3, lpcat</p> <p>Protein Interaction Partner: UBC, HIPK4, ILK, MDC1, ECT2, ILF3, FAF2, LAMTOR3, AUP1, ELAVL1, PCK1, SAP25,</p> <p>Protein Size: 534</p>
Molecular Weight:	59 kDa
Gene ID:	79888
NCBI Accession:	NM_024830 , NP_079106
UniProt:	Q8NF37

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 534 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-LPCAT1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Small Intestine

Western Blotting

Image 2. Host: Rabbit Target Name: LPCAT1 Sample Tissue: Human Ovary Tumor Antibody Dilution: 1.0ug/ml