

## Datasheet for ABIN928136 **anti-LPCAT2 antibody (C-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	LPCAT2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPCAT2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	Lpcat2 antibody was raised in rabbit using the C terminal of Lpcat2 as the immunogen
Cross-Reactivity:	Mouse (Murine)
Purification:	Purified

#### Target Details

Target:	LPCAT2
Alternative Name:	Lpcat2 ( <a href="#">LPCAT2 Products</a> )
Background:	Lpcat2 possesses both acyltransferase and acetyltransferase activities. Activity is calcium-dependent. It is involved in platelet-activating factor (PAF) biosynthesis by catalyzing the conversion of the PAF precursor, 1-O-alkyl-sn-glycero-3-phosphocholine (lyso-PAF) into 1-O-alkyl-2-acetyl-sn-glycero-3-phosphocholine (PAF). It also converts lyso-PAF to 1-alkyl-

## Target Details

phosphatidylcholine (PC), a major component of cell membranes and a PAF precursor. Under resting conditions, acyltransferase activity is preferred. Upon acute inflammatory stimulus, acetyltransferase activity is enhanced and PAF synthesis increases. Synonyms: Polyclonal Lpcat2 antibody, Anti-Lpcat2 antibody, lysophosphatidylcholine acyltransferase 2 antibody, A330042H22 antibody, Ayt11 antibody, LPCAT2 antibody, lpafat1 antibody.

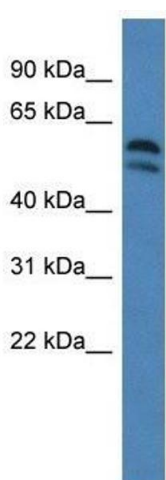
## Application Details

Application Notes:	Optimal conditions should be determined by the investigator.
Comment:	Lpcat2 Blocking Peptide, catalog no. 33R-4999, is also available for use as a blocking control in assays to test for specificity of this Lpcat2 antibody
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 $\mu$ L of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 $^{\circ}$ C/-20 $^{\circ}$ C
Storage Comment:	Store at 4 $^{\circ}$ C, following reconstitution, aliquot and store at -20 $^{\circ}$ C.

## Images



### Western Blotting

**Image 1.** Western Blot showing Lpcat2 antibody used at a concentration of 1.0  $\mu$ g/ml against Mouse Thymus Lysate