

Datasheet for ABIN2782921
anti-LPCAT2 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	LPCAT2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Horse, Rabbit, Cow, Pig, Dog, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LPCAT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	LGVPDLNVSG LFREIAQRDS VSYEEFKSFA LKHPEYAKIF TTYLDLQTCH
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against Lpcat2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	LPCAT2
Alternative Name:	Lpcat2 (LPCAT2 Products)
Background:	Lpcat2 possesses both acyltransferase and acetyltransferase activities. Activity is calcium-

Target Details

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-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.

Alias Symbols: A330042H22, Ayt1l, LPCAT2, lpafat1, Ayt1a

Protein Size: 544

Molecular Weight: 60 kDa

Gene ID: 270084

NCBI Accession: [NM_173014](#), [NP_766602](#)

UniProt: [Q8BYI6](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 544 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.



Rabbit Anti-Lpcat2 Antibody
Catalog Number: ARP47359
Lot Number: QC17201
Lane: Mouse Thymus Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.