

## **Product datasheet for TA359458**

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## **LPCAT1 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the C-terminal region of Human

PCAT1

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity Purified
Conjugation: Unconjugated

**Storage:** 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.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 58kDa

**Gene Name:** lysophosphatidylcholine acyltransferase 1

Database Link: NP 079106

Entrez Gene 79888 Human

Q8NF37

**Background:** This gene encodes a member of the 1-acyl-sn-glycerol-3-phosphate acyltransferase family of

proteins. The encoded enzyme plays a role in phospholipid metabolism, specifically in the conversion of lysophosphatidylcholine to phosphatidylcholine in the presence of acyl-CoA. This process is important in the synthesis of lung surfactant and platelet-activating factor (PAF). Elevated expression of this gene may contribute to the progression of oral squamous

cell, prostate, breast, and other human cancers.

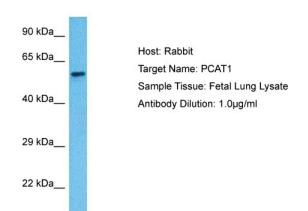




Synonyms:

AYTL1; AYTL2; FLJ12443; FLJ41609; Ipcat; LPCAT-1; LysoPAFAT; PFAAP3

## **Product images:**



Host: Rabbit Target Name: PCAT1

Sample Type: Fetal Lung lysates Antibody Dilution: 1.0ug/ml