

## Anti-LPCAT4 antibody

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| <b>Cat. No.</b> | ml260841                                                |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |                                        |
|---------------------|----------------------------------------|
| <b>Description</b>  | Anti-LPCAT4 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, WB                              |
| <b>Immunogen</b>    | Synthetic peptide of human LPCAT4      |
| <b>Reactivity</b>   | Human, Mouse                           |
| <b>Content</b>      | 0.7 mg/ml                              |
| <b>Host species</b> | Rabbit                                 |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG          |
| <b>Purification</b> | Antigen affinity purification          |

### Target information

|                  |                                           |
|------------------|-------------------------------------------|
| <b>Symbol</b>    | LPCAT4                                    |
| <b>Full name</b> | lysophosphatidylcholine acyltransferase 4 |
| <b>Synonyms</b>  | AYTL3; AGPAT7; LPEAT2; LPAAT-eta          |
| <b>Swissprot</b> | Q643R3                                    |

### Target Background

Members of the 1-acylglycerol-3-phosphate O-acyltransferase (EC 2.3.1.51) family, such as AGPAT7, catalyze the conversion of lysophosphatidic acid (LPA) to phosphatidic acid (PA), a precursor in the biosynthesis of all glycerolipids. Both LPA and PA are involved in signal transduction

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#### Applications

##### Western blotting

Predicted band size: 57 kDa

Positive control: PC3 cells and human testis tissue

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

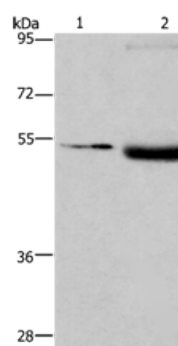
Lysate: 40 µg

Lane 1-2: PC3 cells, human testis tissue

Primary antibody: ml260841(LPCAT4 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 8 minutes



##### ELISA

Recommended dilution: 1000-2000

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