KINESISDx

TECHNICAL DATA SHEET

Cat No: Kab04826

Product Particulars: anti-LPCAT1-antibody

Pack Size: 100µg

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Purify: Protein A+G purification

Host: Mouse

Isotype: IgG2a

Storage: PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20℃ for 24 months (Avoid repeated freeze / thaw cycles.)

Background (Function): Possesses both acyltransferase and acetyltransferase activities (PubMed:16864775, PubMed:21498505). Activity is calcium-independent (By similarity). Mediates the conversion of 1- acyl-sn-glycero-3-phosphocholine (LPC) into phosphatidylcholine (PC) (PubMed:21498505). Displays a clear preference for saturated fatty acyl-CoAs, and 1-myristoyl or 1-palmitoyl LPC as acyl donors and acceptors, respectively (PubMed:16704971). May synthesize phosphatidylcholine in pulmonary surfactant, thereby playing a pivotal role in respiratory physiology (PubMed:16864775). Involved in the regulation of lipid droplet number and size (PubMed:25491198).

Immunogen: lysophosphatidylcholine acyltransferase 1

Synonyms: AYTL2, PFAAP3

Calculated MW:

Uniprot ID: Q8NF37

Specificity: Human

Tested Application: ELISA,WB,IF

Recommended Dilution:

Gene ID: 79888

Gene Location:

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

OUR KINESISDX COMMITMENT : GUARANTEED QUALITY WITH EXPERT TECHNICAL SUPPORT