

Catalog #: 52619

Aliases

LCAT; Lecithin-Cholesterol Acyltransferase; 1-Alkyl-2-Acetylgllycerophosphocholine Esterase; Phosphatidylcholine--Sterol O-Acyltransferase; Phosphatidylcholine-Sterol Acyltransferase; Platelet-Activating Factor Acetylhydrolase; Phospholipid-Cholesterol Acyltransferase; PAF Acetylhydrolase; EC 2.3.1.43; Testicular Secretory Protein Li 24; EC 3.1.1.47

Background

Gene Name: LCAT

NCBI Gene Entry: [3931](#)

UniProt Entry: [P04180](#)

Application Information

Molecular Weight: Predicted, 50 kDa; observed, 48 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunohistochemistry (IHC)

Immunogen

A synthesized peptide derived from human LCAT

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:2,000

Immunohistochemistry(IHC): 1:50-1:300

Note: This product is for research use only.

Validation Data

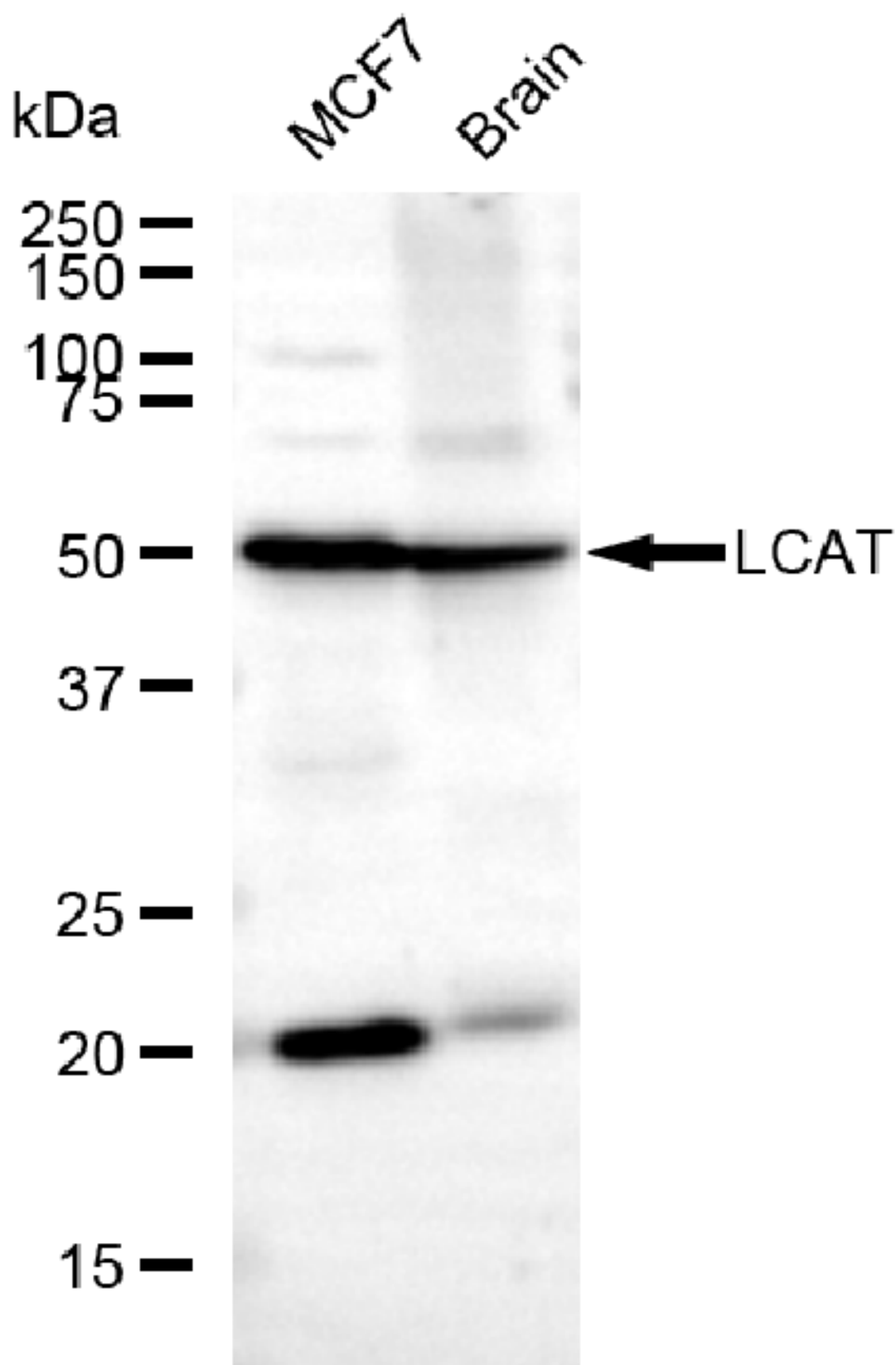
SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM



Copyright ©2025 Genuin Biotechnologies LLC

Western blotting analysis using anti-LCAT antibody (Cat#52619). Total lysates (30 µg) were

SUPPORT

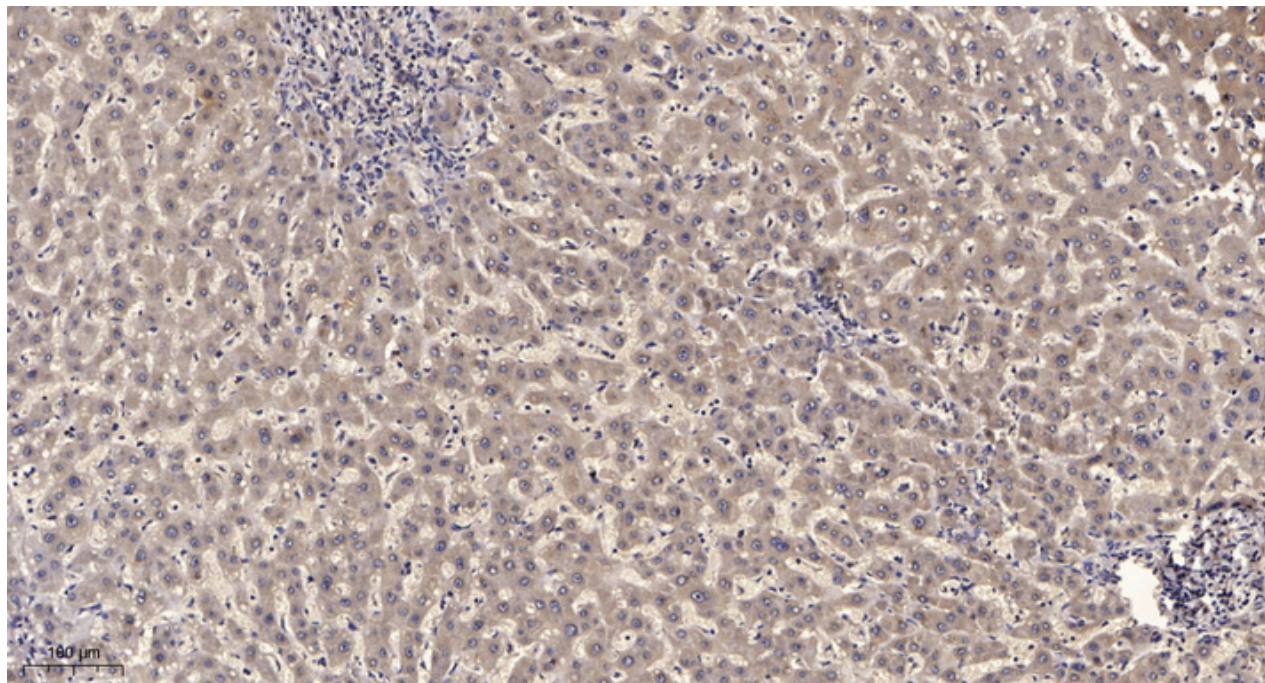
SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM

loaded and separated by SDS-PAGE. The blot was incubated with anti-LCAT antibody (Cat#52619, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Immunohistochemical analysis of paraffin-embedded human liver cancer. Antibody was diluted at 1:200 (4°C overnight). Tris-EDTA, pH 9.0 was used for antigen retrieval. Secondary antibody was diluted at 1:200 (room temperature, 45min).