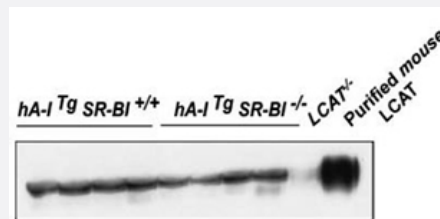


Lcat polyclonal antibody

Catalog # PAB12121 Size 100 uL

Applications

Western Blot (Cell lysate)



Western blot analysis of plasma LCAT protein mass using Lcat polyclonal antibody (Cat # PAB12121). Plasma samples (0.2ul) from four hA-I Tg mice, four hA-I Tg SR-BI -/- mice, a LCAT-/- mouse, and purified mouse LCAT.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant Lcat.
Immunogen	Recombinant His fusion protein corresponding to C-terminus of mouse Lcat.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In antiserum (0.05% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of plasma LCAT protein mass using Lcat polyclonal antibody (Cat # PAB12121). Plasma samples (0.2ul) from four hA-I Tg mice, four hA-I Tg SR-BI ^{-/-} mice, a LCAT^{-/-} mouse, and purified mouse LCAT.

Gene Info — Lcat

Entrez GeneID	16816
Protein Accession#	P04180(human)
Gene Name	Lcat
Gene Alias	A1046659, D8Wsu61e
Gene Description	lecithin cholesterol acyltransferase
Gene Ontology	Hyperlink
Other Designations	lecithin-cholesterol acyltransferase Lcat

Publication Reference

- [LCAT synthesized by primary astrocytes esterifies cholesterol on glia-derived lipoproteins.](#)

Hirsch-Reinshagen V, Donkin J, Stukas S, Chan J, Wilkinson A, Fan J, Parks JS, Kuivenhoven JA, Lutjohann D, Pritchard H, Wellington CL.

Journal of Lipid Research 2009 May; 50(5):885.

Application: WB, Mouse, Mouse brain

- [Initial interaction of apoA-I with ABCA1 impacts in vivo metabolic fate of nascent HDL.](#)

Mulya A, Lee JY, Gebre AK, Boudyguina EY, Chung SK, Smith TL, Colvin PL, Jiang XC, Parks JS.

Journal of Lipid Research 2008 Nov; 49(11):2390.

Application: Func, Mouse, Mouse plasma

- [Functional LCAT deficiency in human apolipoprotein A-I transgenic, SR-BI knockout mice.](#)

Lee JY, Badeau RM, Mulya A, Boudyguina E, Gebre AK, Smith TL, Parks JS.

Journal of Lipid Research 2007 May; 48(5):1052.

Application: WB, Mouse , Mouse plasma

- [In vivo contribution of LCAT to apolipoprotein B lipoprotein cholesteryl esters in LDL receptor and apolipoprotein E knockout mice.](#)

Furbee JW Jr, Francone O, Parks JS.

Journal of Lipid Research 2002 Mar; 43(3):428.

- [Lecithin:cholesterol acyltransferase deficiency increases atherosclerosis in the low density lipoprotein receptor and apolipoprotein E knockout mice.](#)

Furbee JW Jr, Sawyer JK, Parks JS.

The Journal of Biological Chemistry 2002 Feb; 277(5):3511.