

Lpl-KO

品系全名	C57BL/6Smoc- <i>Lpl</i> ^{em1Smoc}
目录号	NM-KO-201300
品系状态	胚胎冻存

基因信息

基因名 Lpl	基因曾用名	-
	NCBI ID	16956
	MGI ID	96820
	Ensembl ID	ENSMUSG00000015568
	人类同源基因	LPL

品系描述

通过敲除Lpl基因exon 2，建立Lpl基因敲除小鼠模型。曾有基因修饰致死报导，详情点击基因信息中的MGI ID。

*使用本品系发表的文献需注明: Lpl-KO mice (Cat. NO. NM-KO-201300) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

家族性合并高脂血症 Familial Combined Hyperlipidemia	近似模型的表型	MGI:4354296 注：该品系需与Apoe-KO(2)(NM-KO-190565)交配才可能获得预期表型
	参考文献	Xian X, Ding Y, Zhang L, Wang Y, McNutt MA, Ross C, Hayden MR, Deng X, Liu G, Enhanced atherothrombotic formation after oxidative injury by FeCl3 to the common carotid artery in severe combined hyperlipidemic mice. Biochem Biophys Res Commun. 2009 Aug 7;385(4):563-9

家族性脂蛋白脂肪酶缺乏症 Familial Lipoprotein Lipase Deficiency	近似模型的表型	MGI:2651806
	参考文献	Weinstock PH, Bisgaier CL, Aalto-Setälä K, Radner H, Ramakrishnan R, Levak-Frank S, Essenburg AD, Zechner R, Breslow JL, Severe hypertriglyceridemia, reduced high density lipoprotein, and neonatal death in lipoprotein lipase knockout mice. Mild hypertriglyceridemia with impaired very low density lipoprotein clearance in heterozygotes. J Clin Invest. 1995 Dec;96(6):2555-68

验证数据

暂无数据