

ApoE-KO(2)

系統名	C57BL/6Smoc- <i>ApoE</i> ^{em5Smoc}
SMOC番号	NM-KO-190565
維持形態	Repository Live

遺伝子の概要

Gene Symbol ApoE	Synonyms	Apo-E; AI255918
	NCBI ID	11816
	MGI ID	88057
	Ensembl ID	ENSMUSG00000002985
	Human Ortholog	APOE

説明

ApoE-KO(2) mice (Stock No.NM-KO-190565) carry a knockout allele derived from the targeted deletion of exon 2-4. While ApoE-KO mice (Stock No.NM-KO-00033) have been pulled from shelves for some reasons.

応用分野: Atherosclerosis,hyperlipidemia,hypercholesterolemia,cerebral infarction,AD,chronic hepatitis etc.

*Literature published using this strain should indicate: ApoE-KO(2) mice (Cat. NO. NM-KO-190565) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

Coronary Artery Disease	表現型	MGI:5558016 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Scarb1-KO(NM-KO-201876) mice.
	参考文献	Tsukamoto K, Mani DR, Shi J, Zhang S, Haagenen DE, Otsuka F, Guan J, Smith JD, Weng W, Liao R, Kolodgie FD, Virmani R, Krieger M, Identification of apolipoprotein D as a cardioprotective gene using a mouse model of lethal atherosclerotic coronary artery disease. Proc Natl Acad Sci U S A. 2013 Oct 15;110(42):17023-8
Familial Combined Hyperlipidemia	表現型	MGI:4354296 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Lpl-KO(NM-KO-201300) mice.
	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
Abdominal Obesity-Metabolic Syndrome	表現型	MGI:5428435 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Cyp19A1-KO(NM-KO-2102244) mice.
	参考文献	Scott NJ, Cameron VA, Raudsepp S, Lewis LK, Simpson ER, Richards AM, Ellmers LJ, Generation and characterization of a mouse model of the metabolic syndrome: apolipoprotein E and aromatase double knockout mice. Am J Physiol Endocrinol Metab. 2012 Mar;302(5):E576-84

表現型データ

No data