

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

C57BL/6-Apoe^{em1Narl}/Narl

RRID:IMSR_RMRC13302

Type: Organism

Proper Citation

RRID:IMSR_RMRC13302

Organism Information

URL:

<https://www.ncb.niar.org.tw/RMRC/webe/html/data/show.aspx?ix=1&page=1&kw=13302>

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Description: Mus musculus with name C57BL/6-Apoe^{em1Narl}/Narl from IMSR.

Species: Mus musculus

Notes: gene symbol note: apolipoprotein E; coisogenic strain|mutant strain: Apoe

Affected Gene: apolipoprotein E

Genomic Alteration: endonuclease-mediated mutation 1; National Applied Research Laboratories

Catalog Number: RMRC13302

Database: National Applied Research Laboratories

Database Abbreviation: RMRC-NLAC

Availability: live

Organism Name: C57BL/6-Apoe^{em1Narl}/Narl

Record Creation Time: 20250513T061855+0000

Record Last Update: 20260801T055446+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Apoe^{em1Narl}/Narl.

No alerts have been found for C57BL/6-Apoe^{em1Narl}/Narl.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: National Applied Research Laboratories

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Lin SZ, et al. (2025) Therapeutic potential of Cordyceps militaris cultivated with Ginkgo biloba seeds for alleviating western diet-induced type 2 diabetes and diabetic nephropathy. *Frontiers in pharmacology*, 16, 1562116.

Peng CH, et al. (2025) Abelmoschus esculentus Ameliorates Cognitive Impairment in Hyperlipidemic ApoE^{-/-} Mice via Modulation of Oxidative Stress and Neuronal Differentiation. *Antioxidants (Basel, Switzerland)*, 14(8).

Cho RL, et al. (2025) Nitroxoline upregulates low-density lipoprotein receptors expression, enhances lipid metabolism, and reduces hepatic steatosis and atherosclerosis in Apoe^{-/-} mice. *Biochimica et biophysica acta. Molecular basis of disease*, 1871(8), 168016.

Yang CH, et al. (2024) NMR-Based Analysis of Plasma Lipoprotein Subclass and Lipid Composition Demonstrate the Different Dietary Effects in ApoE-Deficient Mice. *Molecules (Basel, Switzerland)*, 29(5).

Law SH, et al. (2023) Untargeted Lipidomic Profiling Reveals Lysophosphatidylcholine and Ceramide as Atherosclerotic Risk Factors in apolipoprotein E Knockout Mice. *International journal of molecular sciences*, 24(8).

Chuang HL, et al. (2022) Circulating gut microbiota-related metabolites influence endothelium plaque lesion formation in ApoE knockout rats. *PLoS one*, 17(5), e0264934.

Huang WC, et al. (2022) Effects of exercise on high-fat diet-induced non-alcoholic fatty liver disease and lipid metabolism in ApoE knockout mice. *Nutrition & metabolism*, 19(1), 10.

Huang WC, et al. (2022) Endurance exercise ameliorates Western diet-induced atherosclerosis through modulation of microbiota and its metabolites. *Scientific reports*, 12(1), 3612.