Resource Summary Report

Generated by NIF on Sep 21, 2026

B6.129P2-Apoa1^{tm1Unc}/J

RRID:IMSR_JAX:002055
Type: Organism

Proper Citation

RRID:IMSR_JAX:002055

Organism Information

URL: https://www.jax.org/strain/002055

Proper Citation: RRID:IMSR_JAX:002055

Description: Mus musculus with name B6.129P2-Apoa1^{tm1Unc}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: apolipoprotein A-I; mutant strain|congenic strain: Apoa1

Affected Gene: apolipoprotein A-I

Genomic Alteration: targeted mutation 1; University of North Carolina

Catalog Number: JAX:002055

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129P2-Apoa1^{tm1Unc}/J

Record Creation Time: 20250513T053629+0000

Record Last Update: 20260919T054818+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Apoa1^{tm1Unc}/J.

No alerts have been found for B6.129P2-Apoa1^{tm1Unc}/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Kluck GEG, et al. (2023) Apolipoprotein A1 Protects Against Necrotic Core Development in Atherosclerotic Plaques: PDZK1-Dependent High-Density Lipoprotein Suppression of Necroptosis in Macrophages. Arteriosclerosis, thrombosis, and vascular biology, 43(1), 45.

Oberle R, et al. (2022) The HDL particle composition determines its antitumor activity in pancreatic cancer. Life science alliance, 5(9).

Button EB, et al. (2021) Development of a novel, sensitive translational immunoassay to detect plasma glial fibrillary acidic protein (GFAP) after murine traumatic brain injury. Alzheimer's research & therapy, 13(1), 58.

Zamanian-Daryoush M, et al. (2020) Site-specific 5-hydroxytryptophan incorporation into apolipoprotein A-I impairs cholesterol efflux activity and high-density lipoprotein biogenesis. The Journal of biological chemistry, 295(15), 4836.

Neufeld EB, et al. (2019) ApoA-I-Mediated Lipoprotein Remodeling Monitored with a Fluorescent Phospholipid. Biology, 8(3).

Button EB, et al. (2019) ApoA-I deficiency increases cortical amyloid deposition, cerebral amyloid angiopathy, cortical and hippocampal astrogliosis, and amyloid-associated astrocyte reactivity in APP/PS1 mice. Alzheimer's research & therapy, 11(1), 44.

Huang LH, et al. (2019) Interleukin-17 Drives Interstitial Entrapment of Tissue Lipoproteins in Experimental Psoriasis. Cell metabolism, 29(2), 475.

Gowdy KM, et al. (2015) Key role for scavenger receptor B-I in the integrative physiology of host defense during bacterial pneumonia. Mucosal immunology, 8(3), 559.