

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

B6.129S7-Aplp2^{tm1Dbo}/J

RRID:IMSR_JAX:004142

Type: Organism

Proper Citation

RRID:IMSR_JAX:004142

Organism Information

URL: <https://www.jax.org/strain/004142>

Proper Citation: RRID:IMSR_JAX:004142

Description: Mus musculus with name B6.129S7-Aplp2^{tm1Dbo}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: amyloid beta precursor-like protein 2; mutant strain|congenic strain: Aplp2

Affected Gene: amyloid beta precursor-like protein 2

Genomic Alteration: targeted mutation 1; David R Borchelt

Catalog Number: JAX:004142

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S7-Aplp2^{tm1Dbo}/J

Record Creation Time: 20250513T053643+0000

Record Last Update: 20260829T044933+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S7-Aplp2^{tm1Dbo}/J.

No alerts have been found for B6.129S7-Aplp2^{tm1Dbo}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Harris SS, et al. (2025) The amyloid precursor family of proteins in excitatory neurons are essential for regulating cortico-hippocampal circuit dynamics in vivo. Cell reports, 44(6), 115801.

Tkatchenko AV, et al. (2015) APLP2 Regulates Refractive Error and Myopia Development in Mice and Humans. PLoS genetics, 11(8), e1005432.