

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[Akap5^{tm1Mdaq}/Akap5^{tm1Mdaq}](#)

RRID:MGI:5702308

Type: Organism

Proper Citation

RRID:MGI:5702308

Organism Information

URL:

Proper Citation: RRID:MGI:5702308

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: enhanced long term potentiation, reduced long term depression, abnormal synaptic plasticity, absent long term depression, nervous system phenotype, abnormal AMPA-mediated synaptic currents, abnormal excitatory postsynaptic potential

Affected Gene: Akap5

Genomic Alteration: tm1Mdaq

Catalog Number: 5702308

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:23100425](#)

Organism Name: Akap5^{tm1Mdaq}/Akap5^{tm1Mdaq}

Record Creation Time: 20240120T185928+0000

Record Last Update: 20240130T201617+0000

Ratings and Alerts

No rating or validation information has been found for Akap5^{tm1Mdaq}/Akap5^{tm1Mdaq}.

No alerts have been found for Akap5^{tm1Mdaq}/Akap5^{tm1Mdaq}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Sanderson JL, et al. (2021) ??-Amyloid disruption of LTP/LTD balance is mediated by AKAP150-anchored PKA and Calcineurin regulation of Ca²⁺-permeable AMPA receptors. Cell reports, 37(1), 109786.