Resource Summary Report

Generated by NIF on Aug 14, 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.