Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

Asic1^{tm1Wsh}/Asic1^{tm1Wsh}

RRID:MGI:2654038
Type: Organism

Proper Citation

RRID:MGI:2654038

Organism Information

URL:

Proper Citation: RRID:MGI:2654038

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

Species: Mus musculus

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

Phenotype: abnormal spatial learning, abnormal acid-activated cation-mediated receptor currents, abnormal excitatory postsynaptic potential, abnormal long term spatial reference memory, abnormal long term potentiation, abnormal eye blink conditioning behavior

Affected Gene: Asic1

Genomic Alteration: tm1Wsh

Catalog Number: 2654038

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:11988176

Organism Name: Asic1^{tm1Wsh}/Asic1^{tm1Wsh}

Record Creation Time: 20240120T190741+0000

Record Last Update: 20240130T202103+0000

Ratings and Alerts

No rating or validation information has been found for Asic1^{tm1Wsh}/Asic1^{tm1Wsh}.

No alerts have been found for Asic1^{tm1Wsh}/Asic1^{tm1Wsh}.

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Qi X, et al. (2022) Pharmacological Validation of ASIC1a as a Druggable Target for Neuroprotection in Cerebral Ischemia Using an Intravenously Available Small Molecule Inhibitor. Frontiers in pharmacology, 13, 849498.

Li HS, et al. (2019) Protein Kinase C Lambda Mediates Acid-Sensing Ion Channel 1a-Dependent Cortical Synaptic Plasticity and Pain Hypersensitivity. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(29), 5773.

Du J, et al. (2017) Transient acidosis while retrieving a fear-related memory enhances its lability. eLife, 6.