

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[Cabp1^{tm1Alee}/Cabp1^{tm1Alee}](#)

RRID:MGI:5780462

Type: Organism

Proper Citation

RRID:MGI:5780462

Organism Information

URL:

Proper Citation: RRID:MGI:5780462

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

Species: Mus musculus

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

Phenotype: no abnormal phenotype detected

Affected Gene: Cabp1

Genomic Alteration: tm1Alee

Catalog Number: 5780462

Background: involves: 129 * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:24631676](#)

Organism Name: Cabp1^{tm1Alee}/Cabp1^{tm1Alee}

Record Creation Time: 20240120T185902+0000

Record Last Update: 20240130T201601+0000

Ratings and Alerts

No rating or validation information has been found for Cabp1^{tm1Alee}/Cabp1^{tm1Alee}.

No alerts have been found for Cabp1^{tm1Alee}/Cabp1^{tm1Alee}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Oestreicher D, et al. (2024) CaBP1 and 2 enable sustained CaV1.3 calcium currents and synaptic transmission in inner hair cells. eLife, 13.

Lopez JA, et al. (2023) Caldendrin represses neurite regeneration and growth in dorsal root ganglion neurons. Scientific reports, 13(1), 2608.

Vecchi JT, et al. (2021) NeuriteNet: A convolutional neural network for assessing morphological parameters of neurite growth. Journal of neuroscience methods, 363, 109349.

Yang T, et al. (2018) Functions of CaBP1 and CaBP2 in the peripheral auditory system. Hearing research, 364, 48.

Yang T, et al. (2018) CaBP1 regulates Cav1 L-type Ca²⁺ channels and their coupling to neurite growth and gene transcription in mouse spiral ganglion neurons. Molecular and cellular neurosciences, 88, 342.