

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

[Atoh1^{tm3Hzo}/Atoh1^{tm3Hzo}](#)

RRID:MGI:4420944

Type: Organism

Proper Citation

RRID:MGI:4420944

Organism Information

URL:

Proper Citation: RRID:MGI:4420944

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

Species: Mus musculus

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

Phenotype: decreased neuronal precursor proliferation

Affected Gene: Atoh1

Genomic Alteration: tm3Hzo

Catalog Number: 4420944

Background: involves: 129S7/SvEvBrd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19965762](#)

Organism Name: Atoh1^{tm3Hzo}/Atoh1^{tm3Hzo}

Record Creation Time: 20240120T190310+0000

Record Last Update: 20240130T201827+0000

Ratings and Alerts

No rating or validation information has been found for Atoh1^{tm3Hzo}/Atoh1^{tm3Hzo}.

No alerts have been found for Atoh1^{tm3Hzo}/Atoh1^{tm3Hzo}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

van der Heijden ME, et al. (2021) Maturation of Purkinje cell firing properties relies on neurogenesis of excitatory neurons. eLife, 10.

van der Heijden ME, et al. (2018) Loss of Atoh1 from neurons regulating hypoxic and hypercapnic chemoresponses causes neonatal respiratory failure in mice. eLife, 7.