

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

[Trp53^{tm1.2Awbr}](#)/[Trp53^{tm1.2Awbr}](#)

RRID:MGI:5014832

Type: Organism

Proper Citation

RRID:MGI:5014832

Organism Information

URL:

Proper Citation: RRID:MGI:5014832

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

Species: Mus musculus

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

Phenotype: adipose tissue inflammation, decreased cellular sensitivity to gamma-irradiation, vasculitis, premature death, increased osteosarcoma incidence, lung inflammation, liver inflammation, liver cirrhosis, increased tumor incidence, increased splenocyte proliferation, increased ovary tumor incidence, increased lung adenoma incidence, increased intestinal adenoma incidence, increased inflammatory response, increased histiocytic sarcoma incidence, increased hibernoma incidence, increased circulating tumor necrosis factor level, absent optic nerve, abnormal lymphocyte morphology, abnormal common myeloid progenitor cell morphology, abnormal coat/ hair morphology, abnormal cell cycle, abnormal Peyer's patch morphology, increased T cell derived lymphoma incidence, increased B cell derived lymphoma incidence, enlarged spleen, exencephaly, increased circulating interleukin-6 level, extramedullary hematopoiesis, hepatic steatosis, increased brain size, increased cell proliferation, increased circulating interferon-gamma level, increased circulating interleukin-3 level, increased circulating interleukin-5 level, decreased thymocyte apoptosis

Affected Gene: Trp53

Genomic Alteration: tm1.2Awbr

Catalog Number: 5014832

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21411755](#)

Organism Name: Trp53^{tm1.2Awbr}/Trp53^{tm1.2Awbr}

Record Creation Time: 20240120T190217+0000

Record Last Update: 20240130T201800+0000

Ratings and Alerts

No rating or validation information has been found for Trp53^{tm1.2Awbr}/Trp53^{tm1.2Awbr}.

No alerts have been found for Trp53^{tm1.2Awbr}/Trp53^{tm1.2Awbr}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.