

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

SN56

RRID:CVCL_4456

Type: Cell Line

Proper Citation

RRID:CVCL_4456

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4456

Proper Citation: RRID:CVCL_4456

Description: Cell line SN56 is a Hybrid cell line with a species of origin Mus musculus (Mouse)

Defining Citation: [PMID:2331789](#)

Comments: Characteristics: Hybrid of septal neuronal cells from postnatal day 21 mice with the N18TG2 neuroblastoma.

Category: Hybrid cell line

Organism: Mus musculus (Mouse)

Name: SN56

Synonyms: SN-56, SN56.B5.G4, SN56 B5 G4

Cross References: BTO:BTO_0003556, EFO:EFO_0002081, Wikidata:Q54955036

ID: CVCL_4456

Hierarchy: cvcl_2132

Record Creation Time: 20220427T221550+0000

Record Last Update: 20260829T235945+0000

Ratings and Alerts

No rating or validation information has been found for SN56.

No alerts have been found for SN56.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Ronowska A, et al. (2023) Effects of Marginal Zn Excess and Thiamine Deficiency on Microglial N9 Cell Metabolism and Their Interactions with Septal SN56 Cholinergic Cells. International journal of molecular sciences, 24(5).

Gul-Hinc S, et al. (2021) Protection of Cholinergic Neurons against Zinc Toxicity by Glial Cells in Thiamine-Deficient Media. International journal of molecular sciences, 22(24).

Ronowska A, et al. (2021) Aggravated effects of coexisting marginal thiamine deficits and zinc excess on SN56 neuronal cells. Nutritional neuroscience, 24(6), 432.

Lackie RE, et al. (2020) Modulation of hippocampal neuronal resilience during aging by the Hsp70/Hsp90 co-chaperone STI1. Journal of neurochemistry, 153(6), 727.

Zy??k M, et al. (2020) The Impact of Acetyl-CoA and Aspartate Shortages on the N-Acetylaspartate Level in Different Models of Cholinergic Neurons. Antioxidants (Basel, Switzerland), 9(6).