

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

A-10

RRID:CVCL_0130

Type: Cell Line

Proper Citation

RRID:CVCL_0130

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_0130

Proper Citation: RRID:CVCL_0130

Description: Cell line A-10 is a Spontaneously immortalized cell line with a species of origin *Rattus norvegicus* (Rat)

Sex: Sex unspecified

Defining Citation: [PMID:943301](#), [PMID:9415280](#), [PMID:24628920](#)

Category: Spontaneously immortalized cell line

Organism: *Rattus norvegicus* (Rat)

Name: A-10

Synonyms: A10

Cross References: BTO:BTO_0002196, CLO:CLO_0001550, MCCL:MCC:0000022, CLDB:cl184, ATCC:CRL-1476, BCRC:60127, ChEMBL-Cells:ChEMBL3307383, ChEMBL-Targets:ChEMBL614513, DSMZ:ACC-132, DSMZCellDive:ACC-132, JCRB:IFO50275, Lonza:763, NCBI_Iran:C600, PubChem_Cell_line:CVCL_0130, TOKU-E:452, Wikidata:Q54605962

ID: CVCL_0130

Record Creation Time: 20220427T215103+0000

Record Last Update: 20260904T021130+0000

Ratings and Alerts

No rating or validation information has been found for A-10.

Warning: Discontinued: JCRB; IFO50275

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Yen TL, et al. (2026) Dapagliflozin Inhibits Thrombin Induced ADAM17 Phosphorylation and Downstream ERK/p-c-Jun-mediated CTGF Induction to Prevent Neointimal Hyperplasia. Cardiovascular drugs and therapy, 40(4), 1403.

Li WF, et al. (2025) O304 is a mitochondrial uncoupler which extends C. elegans lifespan and induces vasorelaxation of rat mesenteric arteries. Chemico-biological interactions, 421, 111788.

Ma MH, et al. (2023) Repurposing nitazoxanide as a novel anti-atherosclerotic drug based on mitochondrial uncoupling mechanisms. British journal of pharmacology, 180(1), 62.

Han JH, et al. (2021) Cytokine-induced apoptosis inhibitor 1 (CIAPIN1) accelerates vascular remodelling via p53 and JAK2-STAT3 regulation in vascular smooth muscle cells. British journal of pharmacology, 178(22), 4533.

Rondeau V, et al. (2019) Involvement of the Akt-dependent CREB signaling pathway in hydrogen-peroxide-induced early growth response protein-1 expression in rat vascular smooth muscle cells 1. Canadian journal of physiology and pharmacology, 97(9), 885.

Pietruczuk P, et al. (2019) Protein kinase B/AKT mediates insulin-like growth factor 1-induced phosphorylation and nuclear export of histone deacetylase 5 via NADPH oxidase 4 activation in vascular smooth muscle cells. Journal of cellular physiology, 234(10), 17337.

Simo-Cheyou ER, et al. (2017) STIM-1 and ORAI-1 channel mediate angiotensin-II-induced expression of Egr-1 in vascular smooth muscle cells. Journal of cellular physiology, 232(12), 3496.