

Resource Summary Report

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Nthy-ori 3-1

RRID:CVCL_2659

Type: Cell Line

Proper Citation

ECACC Cat# 90011609, RRID:CVCL_2659

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2659

Proper Citation: ECACC Cat# 90011609, RRID:CVCL_2659

Description: Cell line Nthy-ori 3-1 is a Transformed cell line with a species of origin Homo sapiens (Human)

Sex: Female

Defining Citation: [PMID:20215515](#), [PMID:21868764](#), [PMID:22087789](#), [PMID:30737244](#), [PMID:36599897](#)

Category: Transformed cell line

Organism: Homo sapiens (Human)

Name: Nthy-ori 3-1

Synonyms: Nthy ori 3.1, Nthy-ori 3.1, NTHY-ORI3.1, HTori-3.1

Cross References: BTO:BTO_0004859, CLO:CLO_0008209, EFO:EFO_0022713, CLDB:cl3741, cancercellines:CVCL_2659, ECACC:90011609, GEO:GSM827409, Progenetix:CVCL_2659, Ubigene:YC-C089, Wikidata:Q54931115

ID: CVCL_2659

Vendor: ECACC

Catalog Number: 90011609

Hierarchy: cvcl_4w02

Record Creation Time: 20220427T221349+0000

Record Last Update: 20260815T235406+0000

Ratings and Alerts

No rating or validation information has been found for Nthy-ori 3-1.

No alerts have been found for Nthy-ori 3-1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Ablinger C, et al. (2026) Combination of Lenvatinib and Antibiotics: A Potential Approach to Enhance Sensitivity in Differentiated Thyroid Cancer. International journal of cancer.

Kim H, et al. (2026) Thyroid cancer-associated EZH1 Q571R mutation drives chromatin compaction and H3K27me3 invasion into active chromatin. Molecular cell, 86(14), 2739.

Arawker MH, et al. (2026) STAT1-TCTN3 axis drives papillary thyroid carcinoma progression by accelerating the cell cycle and promoting tumor cell migration and invasion. International journal of biological macromolecules, 344(Pt 1), 150436.

Bó IFD, et al. (2026) Bisphenol A Induces DNA Damage and Differential Cytotoxicity in Thyroid Cells: High-Dose Effects Challenge Regulatory Thresholds. Journal of applied toxicology : JAT.

Zhou R, et al. (2026) DNMT2 inhibits anaplastic thyroid cancer progression by downregulating 5'tiRNAGly-GCC production. Cell death & disease, 17(1).

DeSouza NR, et al. (2025) Long Non-Coding RNA DUXAP10 Promotes Tumorigenesis and Metastasis in Anaplastic Thyroid Cancer. Cancers, 17(23).

Trzos S, et al. (2025) Swainsonine Protects Human Thyrocytes from Fas-Induced Apoptosis: In vitro Study on Nthy-Ori 3-1 Cell Line. Journal of inflammation research, 18, 12677.

Lim G, et al. (2025) AURKB and PI3K/AKT/mTOR pathways converge to regulate TERT expression. iScience, 28(8), 113194.

Guo Y, et al. (2025) 2'-O-Galloylhyperin Prevents Tissue Remodeling in Thyroid Eye Disease: Prospects as a Thyrotropin Receptor Antagonist. The Journal of clinical endocrinology and metabolism, 110(8), e2711.

Rehders M, et al. (2025) CU Cilia - an application for image analysis by machine learning - reveals significance of cysteine cathepsin K activity for primary cilia of human thyroid epithelial cells. Frontiers in endocrinology, 16, 1588394.

Poyil PK, et al. (2024) PLK1 and FoxM1 expressions positively correlate in papillary thyroid carcinoma and their combined inhibition results in synergistic anti-tumor effects. *Molecular oncology*, 18(3), 691.

Liu R, et al. (2024) In vitro assessment of thyroid peroxidase inhibition by chemical exposure: comparison of cell models and detection methods. *Archives of toxicology*, 98(8), 2631.

Xu Q, et al. (2024) KMT2A and chronic inflammation as potential drivers of sporadic parathyroid adenoma. *Clinical and translational medicine*, 14(6), e1734.

Okano F, et al. (2023) Identification of Membrane-expressed CAPRIN-1 as a Novel and Universal Cancer Target, and Generation of a Therapeutic Anti-CAPRIN-1 Antibody TRK-950. *Cancer research communications*, 3(4), 640.

Grassi ES, et al. (2023) The length of FOXE1 polyalanine tract in congenital hypothyroidism: Evidence for a pathogenic role from familial, molecular and cohort studies. *Frontiers in endocrinology*, 14, 1127312.

Kim M, et al. (2022) BRAFV600E Mutation Enhances Estrogen-Induced Metastatic Potential of Thyroid Cancer by Regulating the Expression of Estrogen Receptors. *Endocrinology and metabolism (Seoul, Korea)*, 37(6), 879.

Zhang Q, et al. (2021) Hsa_circ_0023990 Promotes Tumor Growth and Glycolysis in Dedifferentiated TC via Targeting miR-485-5p/FOXO1 Axis. *Endocrinology*, 162(12).

Grabowska K, et al. (2021) Serjanic Acid Glycosides from *Chenopodium hybridum* L. with Good Cytotoxicity and Selectivity Profile against Several Panels of Human Cancer Cell Lines. *Molecules (Basel, Switzerland)*, 26(16).

Geng H, et al. (2020) SHCBP1 Promotes Papillary Thyroid Carcinoma Carcinogenesis and Progression Through Promoting Formation of Integrin and Collagen and Maintaining Cell Stemness. *Frontiers in endocrinology*, 11, 613879.

Zhou H, et al. (2020) Chaperone-mediated Autophagy Governs Progression of Papillary Thyroid Carcinoma via PPAR γ -SDF1/CXCR4 Signaling. *The Journal of clinical endocrinology and metabolism*, 105(10).