

Resource Summary Report

Generated by [RRID](#) on Aug 29, 2026

HAP1

RRID:CVCL_Y019

Type: Cell Line

Proper Citation

RRID:CVCL_Y019

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_Y019

Proper Citation: RRID:CVCL_Y019

Description: Cell line HAP1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Chronic myelogenous leukemia, BCR-ABL1 positive

Defining Citation: [PMID:21866103](#), [PMID:24644259](#), [PMID:25373145](#), [PMID:29474001](#), [PMID:31659326](#), [PMID:33184093](#)

Comments: Karyotypic information: Has lost the second copy of chromosome 8 of parent cell line KBM-7. Retains a second copy of a fragment of chromosome 15 fused to chromosome 19., Part of: Human Protein Atlas, Cell Atlas panel., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Group: Haploid karyotype cell line.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: HAP1

Synonyms: HAP-1

Cross References: EFO:EFO_0007598, 4DN:4DNSRCVNIBZG, 4DN:4DNSRNIAESOK, ArrayExpress:E-MTAB-7061, BioGRID_ORCS_Cell_line:1143, cancercellines:CVCL_Y019, ChEMBL-Cells:ChEMBL4630769, ChEMBL-Targets:ChEMBL4630777, DepMap:ACH-002475, ENCODE:ENCBS217AEF, ENCODE:ENCBS912MMS, GEO:GSM7701488, GEO:GSM7701489, Horizon_Discovery:C631, PRIDE:PXD006614, PRIDE:PXD006856, PRIDE:PXD010335,

PubChem_Cell_line:CVCL_Y019, Wikidata:Q18347803

ID: CVCL_Y019

Hierarchy: cvcl_a426

Record Creation Time: 20220427T220227+0000

Record Last Update: 20260815T233521+0000

Ratings and Alerts

No rating or validation information has been found for HAP1.

No alerts have been found for HAP1.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 375 mentions in open access literature.

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

Billmann M, et al. (2026) Quantitative analysis of genetic interactions in human cells from genome-wide CRISPR-Cas9 screens. bioRxiv : the preprint server for biology.

Chen H, et al. (2026) Curcumin controls lysosomal acidification and exocytosis to ameliorate lysosomal cholesterol accumulation in Niemann-Pick type C disease. British journal of pharmacology, 183(15), 4305.

Moleón VR, et al. (2026) A guide to selecting high-performing antibodies for ARID2 (UniProt ID: Q68CP9) for use in western blot, immunoprecipitation, and immunofluorescence. F1000Research, 15, 614.

Vind AC, et al. (2026) Mechanism of RACK1-dependent ZAK? activation at stalled and collided ribosomes. Molecular cell, 86(12), 2341.

Zhang R, et al. (2026) Targeting a Glutamic Acid in PDE? with Fluoromethyl-Aryl Electrophiles Impairs K-Ras Signaling. Journal of medicinal chemistry.

Hosseini N, et al. (2026) Loss of DDI2 rewires proteostasis through CCN1-driven compensatory autophagy. iScience, 29(3), 115056.

Farhangmehr S, et al. (2026) A genome-wide functional analysis of conserved intronic regions reveals essential roles for speckle-associated retained introns. Cell reports, 45(7), 117696.

Zhang R, et al. (2026) Covalent modification of a glutamic acid inspired by HaloTag technology. *Nature communications*, 17(1), 1257.

Albers M, et al. (2026) Interplay of SLC33A1-dependent and -independent Golgi sialic acid O-acetylation in CASD1 catalysis. *Nature communications*, 17(1).

Mallory BJ, et al. (2026) Chromatin architectures underlying plasmid-based assays for regulatory variant effects. *Molecular cell*, 86(11), 2041.

Martín A, et al. (2026) Targeted KRASG12V Degradation in vivo Elicits Lung Adenocarcinoma Regression with Subsequent Relapse from Dysregulated Proteolysis. *Cancer research*.

Strätker SM, et al. (2026) Membrane Binding and Pro-Ferroptotic Activity of NQO1. *Chembiochem : a European journal of chemical biology*, 27(7), e202500850.

Zhao S, et al. (2026) RNF25 confers mRNA damage tolerance by curbing activation of the integrated stress response. *Molecular cell*, 86(7), 1275.

Eom J, et al. (2026) Cell density-dependent nuclear-cytoplasmic shuttling of SETDB1 integrates with Hippo signaling to regulate YAP1-mediated transcription. *FEBS letters*, 600(3), 370.

Takhaveev V, et al. (2026) Click-code-seq reveals strand biases of DNA oxidation and depurination in human genome. *Nature chemical biology*, 22(5), 716.

Billmann M, et al. (2026) Global genetic interaction network of a human cell maps conserved principles and informs functional interpretation of gene co-essentiality profiles. *Cell*, 189(12), 3736.

Zhang D, et al. (2025) Solute carrier-correlated gene signature in predicting the prognosis and immunity in patients with acute myeloid leukemia. *European journal of medical research*, 30(1), 1107.

Yoshizawa K, et al. (2025) Comparative Pharmacological Analysis of Mitotic Inhibitors Using Isogenic Ploidy Series of HAP1 Cells. *Methods in molecular biology (Clifton, N.J.)*, 2872, 207.

Zhou N, et al. (2025) SLC7A11 is an unconventional H⁺ transporter in lysosomes. *Cell*, 188(13), 3441.

Masud SN, et al. (2025) Genetic suppression features ABHD18 as a Barth syndrome therapeutic target. *Nature*.