

Resource Summary Report

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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)

Sex: Male

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

Comments: Omics: Transcriptome analysis by RNAseq., Omics: Genome sequenced., Omics: Deep proteome analysis., 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: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Group: Haploid karyotype cell line.

Category: Cancer cell line

Name: HAP1

Synonyms: HAP-1

Cross References: EFO:EFO_0007598, EFO:EFO_0022535, 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, Horizon_Discovery:C631, PRIDE:PXD006614, PRIDE:PXD006856, PRIDE:PXD010335, PubChem_Cell_line:CVCL_Y019, Wikidata:Q18347803

ID: CVCL_Y019

Record Creation Time: 20250131T200136+0000

Record Last Update: 20250131T201254+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 341 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Wolf G, et al. (2025) The efflux pump ABCC1/MRP1 constitutively restricts PROTAC sensitivity in cancer cells. *Cell chemical biology*, 32(2), 291.

Wang B, et al. (2024) Integrating genome-wide CRISPR screens and in silico drug profiling for targeted antidote development. *Nature protocols*, 19(9), 2739.

Spizzichino S, et al. (2024) Structure-based mechanism of riboregulation of the metabolic enzyme SHMT1. *Molecular cell*, 84(14), 2682.

Gutierrez R, et al. (2024) Lack of mismatch repair enhances resistance to methylating agents for cells deficient in oxidative demethylation. *The Journal of biological chemistry*, 300(8), 107492.

Weickert P, et al. (2024) Electro-elution-based purification of covalent DNA-protein cross-links. *Nature protocols*, 19(10), 2891.

Repo PE, et al. (2024) Functional assay for assessment of pathogenicity of BAP1 variants. *Human molecular genetics*, 33(5), 426.

Li J, et al. (2024) Cullin-RING ligases employ geometrically optimized catalytic partners for substrate targeting. *Molecular cell*.

Maurizio M, et al. (2024) Host cell CRISPR genomics and modelling reveal shared metabolic vulnerabilities in the intracellular development of *Plasmodium falciparum* and related

hemoparasites. *Nature communications*, 15(1), 6145.

Calbert ML, et al. (2024) 4'-Ethynyl-2'-Deoxycytidine (EdC) Preferentially Targets Lymphoma and Leukemia Subtypes by Inducing Replicative Stress. *Molecular cancer therapeutics*, 23(5), 683.

Ibtisam I, et al. (2024) Early recovery of proteasome activity in cells pulse-treated with proteasome inhibitors is independent of DDI2. *eLife*, 12.

Adriaenssens E, et al. (2024) Control of mitophagy initiation and progression by the TBK1 adaptors NAP1 and SINTBAD. *Nature structural & molecular biology*.

Dötsch L, et al. (2024) Discovery of the sEH Inhibitor Epoxykynin as a Potent Kynurenine Pathway Modulator. *Journal of medicinal chemistry*, 67(6), 4691.

Maslan A, et al. (2024) Mapping protein-DNA interactions with DiMeLo-seq. *Nature protocols*, 19(12), 3697.

Xiao MS, et al. (2024) Genome-scale exon perturbation screens uncover exons critical for cell fitness. *Molecular cell*, 84(13), 2553.

Li JD, et al. (2024) Efficient, specific, and combinatorial control of endogenous exon splicing with dCasRx-RBM25. *Molecular cell*, 84(13), 2573.

Ayoubi R, et al. (2024) A guide to selecting high-performing antibodies for CSNK2A1 (UniProt ID: P68400) for use in western blot, immunoprecipitation and immunofluorescence. *F1000Research*, 13, 781.

Jové V, et al. (2024) Type I interferon regulation by USP18 is a key vulnerability in cancer. *iScience*, 27(4), 109593.

Xiao YX, et al. (2024) The TSC22D, WNK, and NRBP gene families exhibit functional buffering and evolved with Metazoa for cell volume regulation. *Cell reports*, 43(7), 114417.

Ellis MJ, et al. (2024) Identification of high-performing antibodies for the reliable detection of Tau proteoforms by Western blotting and immunohistochemistry. *Acta neuropathologica*, 147(1), 87.

Guo JL, et al. (2024) Decreased lipidated ApoE-receptor interactions confer protection against pathogenicity of ApoE and its lipid cargoes in lysosomes. *Cell*.