

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

Hydroxy-HIF-1 (Pro564) (D43B5) XP Rabbit mAb

RRID:AB_2116958

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3434, RRID:AB_2116958

Antibody Information

URL: http://antibodyregistry.org/AB_2116958

Proper Citation: Cell Signaling Technology Cat# 3434, RRID:AB_2116958

Target Antigen: Hydroxy-HIF-1 (Pro564) (D43B5) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC. Consolidation on 10/2018: AB_10363131, AB_10363938, AB_2116958, AB_2116961.

Antibody Name: Hydroxy-HIF-1 (Pro564) (D43B5) XP Rabbit mAb

Description: This monoclonal targets Hydroxy-HIF-1 (Pro564) (D43B5) XP Rabbit mAb

Target Organism: c, rat, xenopusamphibian, h, porcine, m, mouse, r, chickenbird, zebrafishfish, pg, x, z, human, mk

Antibody ID: AB_2116958

Vendor: Cell Signaling Technology

Catalog Number: 3434

Record Creation Time: 20250820T030532+0000

Record Last Update: 20250820T151923+0000

Ratings and Alerts

No rating or validation information has been found for Hydroxy-HIF-1 (Pro564) (D43B5) XP Rabbit mAb.

No alerts have been found for Hydroxy-HIF-1 (Pro564) (D43B5) XP Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Zhang MS, et al. (2026) BCAT1-dependent HIF-1 α stabilization is a targetable metabolic vulnerability in hepatocellular carcinoma. Cell reports. Medicine, 7(5), 102784.

Yao LL, et al. (2026) Cortical astrocytic neogenin, a key protein switching HIF1 α /2 α -VEGF α -induced angiogenesis to MEGF10-driven phagocytosis. Cell reports, 45(3), 117071.

Xu J, et al. (2025) The pro-inflammatory cytokine IL6 suppresses mitochondrial function via the gp130-JAK1/STAT1/3-HIF1 α /ERR α axis. Cell reports, 44(3), 115403.

Grimm F, et al. (2024) Metabolic priming by multiple enzyme systems supports glycolysis, HIF1 α stabilisation, and human cancer cell survival in early hypoxia. The EMBO journal, 43(8), 1545.

Ahn JH, et al. (2024) Intestinal E. coli-produced yersiniabactin promotes profibrotic macrophages in Crohn's disease. Cell host & microbe.

Zheng JH, et al. (2024) A CLIC1 network coordinates matrix stiffness and the Warburg effect to promote tumor growth in pancreatic cancer. Cell reports, 43(8), 114633.

Yu Z, et al. (2024) A nature-inspired HIF stabilizer derived from a highland-adaptation insertion of plateau pika Epas1 protein. Cell reports, 43(9), 114727.

Zhang HY, et al. (2024) Metabolic disruption exacerbates intestinal damage during sleep deprivation by abolishing HIF1 α -mediated repair. Cell reports, 43(11), 114915.

Xu W, et al. (2023) GOT1 regulates CD8 $^{+}$ effector and memory T cell generation. Cell reports, 42(1), 111987.

Cuesta-Borràs E, et al. (2023) DPPA3-HIF1 α axis controls colorectal cancer chemoresistance by imposing a slow cell-cycle phenotype. Cell reports, 42(8), 112927.

Valle ML, et al. (2022) Thiamine insufficiency induces Hypoxia Inducible Factor-1 α as an upstream mediator for neurotoxicity and AD-like pathology. Molecular and cellular neurosciences, 123, 103785.

Marinaccio C, et al. (2021) LKB1/STK11 Is a Tumor Suppressor in the Progression of Myeloproliferative Neoplasms. *Cancer discovery*, 11(6), 1398.

Kumar P, et al. (2021) Leukemia associated RUNX1T1 gene reduced proliferation and invasiveness of glioblastoma cells. *Journal of cellular biochemistry*, 122(11), 1737.

Peng H, et al. (2020) lncRNA XIST attenuates hypoxia-induced H9c2 cardiomyocyte injury by targeting the miR-122-5p/FOXP2 axis. *Molecular and cellular probes*, 50, 101500.

Liu X, et al. (2020) Genome-wide Screening Identifies SFMBT1 as an Oncogenic Driver in Cancer with VHL Loss. *Molecular cell*, 77(6), 1294.

Han SJ, et al. (2019) Genomic Function of Estrogen Receptor ? in Endometriosis. *Endocrinology*, 160(11), 2495.

Khan H, et al. (2019) Metabolic Rewiring in Response to Biguanides Is Mediated by mROS/HIF-1a in Malignant Lymphocytes. *Cell reports*, 29(10), 3009.