Resource Summary Report

Generated by dkNET on Aug 21, 2026

Rabbit Anti-Human Hydroxy-HIF-1-alpha Monoclonal Antibody, Unconjugated, Clone D43B5

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: Human Hydroxy-HIF-1-alpha

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: Rabbit Anti-Human Hydroxy-HIF-1-alpha Monoclonal Antibody, Unconjugated, Clone D43B5

Description: This monoclonal targets Human Hydroxy-HIF-1-alpha

Target Organism: human

Clone ID: Clone D43B5

Antibody ID: AB_2116958

Vendor: Cell Signaling Technology

Catalog Number: 3434

Record Creation Time: 20250820T044126+0000

Record Last Update: 20250820T194013+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Human Hydroxy-HIF-1-alpha Monoclonal Antibody, Unconjugated, Clone D43B5.

No alerts have been found for Rabbit Anti-Human Hydroxy-HIF-1-alpha Monoclonal Antibody, Unconjugated, Clone D43B5.

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 dkNET .

Zhang MS, et al. (2026) BCAT1-dependent HIF-1? 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 HIF1/2?-VEGFa-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?/ERR? axis. Cell reports, 44(3), 115403.

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

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

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?-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? 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? 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.

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.

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