## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 6, 2024

# HIF-1? (D2U3T) Rabbit mAb #14179

RRID:AB\_2622225 Type: Antibody

#### **Proper Citation**

(Cell Signaling Technology Cat# 14179, RRID:AB\_2622225)

### Antibody Information

URL: http://antibodyregistry.org/AB\_2622225

Proper Citation: (Cell Signaling Technology Cat# 14179, RRID:AB\_2622225)

Target Antigen: HIF1-a

Host Organism: rabbit

Clonality: monoclonal

**Comments:** Applications: WB, ChIP, ChIP-seq, C&R Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:TRUE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: HIF-1? (D2U3T) Rabbit mAb #14179

Description: This monoclonal targets HIF1-a

Target Organism: human, monkey, mouse, rat

Clone ID: D2U3T

Antibody ID: AB\_2622225

Vendor: Cell Signaling Technology

Catalog Number: 14179

### **Ratings and Alerts**

 Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:TRUE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <u>https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimenresearch-development</u>

No alerts have been found for HIF-1? (D2U3T) Rabbit mAb #14179.

#### Data and Source Information

Source: Antibody Registry

#### **Usage and Citation Metrics**

We found 31 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Pan YD, et al. (2024) Intermittent Hypobaric Hypoxia Ameliorates Autistic-Like Phenotypes in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(7).

Farahani E, et al. (2024) The HIF transcription network exerts innate antiviral activity in neurons and limits brain inflammation. Cell reports, 43(2), 113792.

Lin X, et al. (2024) Augmentation of scleral glycolysis promotes myopia through histone lactylation. Cell metabolism, 36(3), 511.

Kim HH, et al. (2023) xCT-mediated glutamate excretion in white adipocytes stimulates interferon-? production by natural killer cells in obesity. Cell reports, 42(6), 112636.

Zeng J, et al. (2023) Hypoxia-sensitive cells trigger NK cell activation via the KLF4-ASH1L-ICAM-1 axis, contributing to impairment in the rat epididymis. Cell reports, 42(11), 113442.

Yadav P, et al. (2023) Hypoxia-induced loss of SRSF2-dependent DNA methylation promotes CTCF-mediated alternative splicing of VEGFA in breast cancer. iScience, 26(6), 106804.

Pathak T, et al. (2023) Correction: Dichotomous role of the human mitochondrial Na+/Ca2+/Li+ exchanger NCLX in colorectal cancer growth and metastasis. eLife, 12.

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

Pang L, et al. (2023) Hypoxia-driven protease legumain promotes immunosuppression in

glioblastoma. Cell reports. Medicine, 4(11), 101238.

Liu H, et al. (2023) Mannose-coated nanozyme for relief from chemotherapy-induced peripheral neuropathic pain. iScience, 26(4), 106414.

Miki K, et al. (2023) Induction of glioblastoma cell ferroptosis using combined treatment with chloramphenicol and 2-deoxy-D-glucose. Scientific reports, 13(1), 10497.

Glaser SF, et al. (2023) Circular RNA circPLOD2 regulates pericyte function by targeting the transcription factor KLF4. Cell reports, 42(8), 112824.

Fu J, et al. (2022) GABA regulates IL-1? production in macrophages. Cell reports, 41(10), 111770.

Boukouris AE, et al. (2022) A reversible metabolic stress-sensitive regulation of CRMP2A orchestrates EMT/stemness and increases metastatic potential in cancer. Cell reports, 38(11), 110511.

Sugiura A, et al. (2022) MTHFD2 is a metabolic checkpoint controlling effector and regulatory T cell fate and function. Immunity, 55(1), 65.

Singh N, et al. (2022) Targeted BACE-1 inhibition in microglia enhances amyloid clearance and improved cognitive performance. Science advances, 8(29), eabo3610.

Ma S, et al. (2021) CD63-mediated cloaking of VEGF in small extracellular vesicles contributes to anti-VEGF therapy resistance. Cell reports, 36(7), 109549.

Fischer AW, et al. (2021) Lysosomal lipoprotein processing in endothelial cells stimulates adipose tissue thermogenic adaptation. Cell metabolism, 33(3), 547.

Sun P, et al. (2021) Canagliflozin attenuates lipotoxicity in cardiomyocytes and protects diabetic mouse hearts by inhibiting the mTOR/HIF-1? pathway. iScience, 24(6), 102521.

Yang H, et al. (2021) Comparison of Histone H3K4me3 between IVF and ICSI Technologies and between Boy and Girl Offspring. International journal of molecular sciences, 22(16).