

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 3, 2025

HIF1A-human

RRID:AB_2616089

Type: Antibody

Proper Citation

(GeneTex Cat# GTX127309, RRID:AB_2616089)

Antibody Information

URL: http://antibodyregistry.org/AB_2616089

Proper Citation: (GeneTex Cat# GTX127309, RRID:AB_2616089)

Target Antigen: HIF1A

Host Organism: rabbit

Clonality: polyclonal

Comments: ENCODE PROJECT External validation DATA SET is released testing lot 41185 for any cell type or tissues; status is awaiting lab characterization

Antibody Name: HIF1A-human

Description: This polyclonal targets HIF1A

Target Organism: Human, Bovine, Rat, Rabbit, Mouse

Antibody ID: AB_2616089

Vendor: GeneTex

Catalog Number: GTX127309

Alternative Catalog Numbers: ENCAB052WQI

Record Creation Time: 20231110T034925+0000

Record Last Update: 20240725T024030+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 41185 is available under ENCODE ID: ENCAB052WQI - ENCODE <https://www.encodeproject.org/antibodies/ENCAB052WQI>

No alerts have been found for HIF1A-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Horie M, et al. (2024) Exosomes secreted by ST3GAL5high cancer cells promote peritoneal dissemination by establishing a premetastatic microenvironment. *Molecular oncology*, 18(1), 21.

de Oliveira KG, et al. (2024) Decoding of the surfaceome and endocytome in primary glioblastoma cells identifies potential target antigens in the hypoxic tumor niche. *Acta neuropathologica communications*, 12(1), 35.

Dong F, et al. (2024) Hypoxia-inducible PRMT2 addiction in glioblastomas. *Cellular signalling*, 117, 111094.

Wen ZH, et al. (2024) Intrathecal Fumagillin Alleviates Chronic Neuropathy-Induced Nociceptive Sensitization and Modulates Spinal Astrocyte-Neuronal Glycolytic and Angiogenic Proteins. *Molecular neurobiology*.

Seike K, et al. (2023) Ambient oxygen levels regulate intestinal dysbiosis and GVHD severity after allogeneic stem cell transplantation. *Immunity*, 56(2), 353.

Guo C, et al. (2023) HIF-1 α accumulation in response to transient hypoglycemia may worsen diabetic eye disease. *Cell reports*, 42(1), 111976.

Zheng X, et al. (2022) Repression of hypoxia-inducible factor-1 contributes to increased mitochondrial reactive oxygen species production in diabetes. *eLife*, 11.

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.

Tsai YC, et al. (2021) Upregulating sirtuin 6 ameliorates glycolysis, EMT and distant metastasis of pancreatic adenocarcinoma with krüppel-like factor 10 deficiency.

Experimental & molecular medicine, 53(10), 1623.

Yamato H, et al. (2021) Combined application of geranylgeranylacetone and amelogenin promotes angiogenesis and wound healing in human periodontal ligament cells. *Journal of cellular biochemistry*, 122(7), 716.

Nüchel J, et al. (2021) An mTORC1-GRASP55 signaling axis controls unconventional secretion to reshape the extracellular proteome upon stress. *Molecular cell*, 81(16), 3275.

Zera K, et al. (2017) Thiamine deficiency activates hypoxia inducible factor-1 α to facilitate pro-apoptotic responses in mouse primary astrocytes. *PloS one*, 12(10), e0186707.