

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

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: 20260901T003753+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 14 mentions in open access literature.

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

Kobayashi-Ujiie Y, et al. (2025) Hypoxia-inducible factor 1 α in Schwann cells promotes peripheral nerve myelination. The Journal of biological chemistry, 301(8), 110433.

Wang Q, et al. (2025) Mechanism of Modified Tongyou Decoction and Its Separated Formulas Inhibiting Vasculogenic Mimicry in Esophageal Cancer TE-1 Cells via NF- κ B/HIF-1 α Axis. Integrative cancer therapies, 24, 15347354251332590.

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.

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

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.

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.

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

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.