

HIF-1 α Polyclonal Antibody

Catalog No: #41005

Package Size: #41005-1 50ul #41005-2 100ul

Description

Product Name	HIF-1 α Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC ELISA IF/ICC
Species Reactivity	Hu Ms Rt
Specificity	HIF-1 α Polyclonal Antibody detects endogenous levels of HIF-1 α protein.
Immunogen Description	Synthesized peptide derived from the Internal region of human HIF-1 α .
Conjugates	Unconjugated
Target Name	HIF-1 α
Other Names	HIF1A; BHLHE78; MOP1; PASD8; Hypoxia-inducible factor 1-alpha; HIF-1-alpha; HIF1-alpha; ARNT-interacting protein; Basic-helix-loop-helix-PAS protein MOP1; Class E basic helix-loop-helix protein 78; bHLHe78; Member of PAS protein 1; PAS doma
Accession No.	Swiss-Prot: Q16665NCBI Gene ID: 3091
SDS-PAGE MW	90kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

Application Details

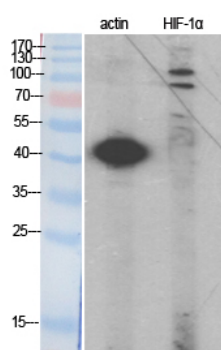
Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300.

ELISA: 1/40000.

Not yet tested in other applications.

Images

Western Blot analysis of HELA cells using HIF-1 α Polyclonal Antibody

Published Papers

el at., Heparanase released from mesenchymal stem cells activates integrin beta1/HIF1 α /Fli α signaling and promotes endothelial cell migration and angiogenesis. In Stem Cells

on 2015 Jun by Xinyang Hu , Ling Zhang et al..PMID:25754303, , (2015)

[PMID:25754303](#)

el at., H₂O₂ treatment or serum deprivation induces autophagy and apoptosis in naked mole-rat skin fibroblasts by inhibiting the PI3K/Akt signaling pathway. In Oncotarget on 2016 Dec 20 by Shanmin Zhao, Li Li et al..PMID:27863375, , (2016)

[PMID:27863375](#)

el at., Regulatory circuit of PKM2/NF- κ B/miR-148a/152-modulated tumor angiogenesis and cancer progression. In Oncogene on 2015 Oct by Q Xu, L-Z Liu, et al..PMID:25703326, , (2015)

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el at., Ferroptosis related genes participate in the pathogenesis of spinal cord injury via HIF-1 signaling pathway. In Brain Res Bull On 2023 Jan by Haoru Dong 1, Chi Zhang et al..PMID: 36414158, , (2023)

[PMID:36414158](#)

el at., Iridium nanozyme-mediated photoacoustic imaging-guided NIR-II photothermal therapy and tumor microenvironment regulation for targeted eradication of cancer stem cells. In Acta Biomater On 2023 Dec by Yuying Yao , Zhuangzhuang Zhao et al..PMID:37852456, , (2023)

[PMID:37852456](#)

Ziyan Huang;Ziyan Huang;Ziyan Huang;Ziyan Huang;Xinzhao Jiang;Xinzhao Jiang;Xinzhao Jiang;Xinzhao Jiang;Lichen Zhang;Lichen Zhang;Lichen Zhang;Lichen Zhang;Wei Wang;Wei Wang;Wei Wang;Wei Wang;Ziang Li;Ziang Li;Ziang Li;Ziang Li;Yiyang Huang;Yiyang Huang;Yiyang Huang;Yiyang Huang;Yichang Xu;Yichang Xu;Yichang Xu;Yichang Xu;Liang Zhou;Liang Zhou;Liang Zhou;Liang Zhou;Jie Wu;Jie Wu;Jie Wu;Jie Wu;Jincheng Tang;Jincheng Tang;Jincheng Tang;Jincheng Tang;Kun Xi;Kun Xi;Kun Xi;Kun Xi;Yu Feng;Yu Feng;Yu Feng;Yu Feng;Liang Chen;Liang Chen;Liang Chen;Liang Chen et al., Multifunctional manganese-based nanogels catalyze immune energy metabolism to promote bone repair, , (2025)

[PMID:](#)

Jingyao Li;Huixi Yi;Yuanyuan Fu;Jiani Zhuang;Zhixiong Zhan;Liyu Guo;Ji Zheng;Xiyong Yu;Dong-Yang Zhang et al., Biodegradable iridium coordinated nanodrugs potentiate photodynamic therapy and immunotherapy of lung cancer., , (2025)

[PMID:39488900](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.