

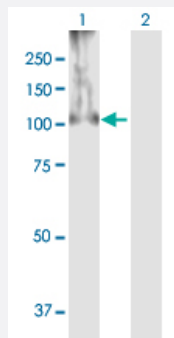
MaxPab®

HIF1A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003091-B01P

Size 50 ug

Applications

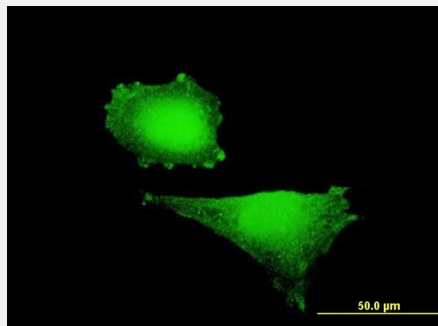


Western Blot (Transfected lysate)

Western Blot analysis of HIF1A expression in transfected 293T cell line ([H00003091-T01](#)) by HIF1A MaxPab polyclonal antibody.

Lane 1: HIF1A transfected lysate(80.85 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HIF1A on HepG2 cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human HIF1A protein.

Immunogen

HIF1A (NP_851397.1, 1 a.a. ~ 735 a.a) full-length human protein.

Sequence	MEGAGGANDKKKISSERRKEKSRDAARSRRSKESEVFYELAHQLPLPHNVSSHLDKASVMRLTI SYLRVRKLLDAGDLIEDDMKAMNCFYLKALDGFVMVLTDGDMYSDNVNKMGLTQFELTG HSVDFDFTHPCDHEEMREMLTHRNLVKKGKEQNTQRSFFLRMKCTLSRGRTMNIKSATWKVLH CTGHIHVYDTNSNQPCQGYKKPPMTCLVLICEPIPHPSNIEIPLDSKTFLSRHSMDKFSYCDERITE LMGYEPEELLGRSIEYYHALDSDHLTKTHHDMFTKGQVTTGQYRMLAKRGGYVWVETQATVINYNT KNSQPQCIVCVNYVSGIIQHDLIFSLQQTECVLKPVESSDMKMTQLFTKVESEDTSLSLFDKLLKE PDALTLLAPAGDTIISLDFGSNDTETDDQQLLEEVPLYNDVMLPSPNEKLQINLAMSPLPTAETP KPLRSSADPALNQEVALKLEPNPESLELSFTMPQIQDQTPSPSDGSTRQSSPEPNPSEYCFYV DSDMVNEFKLELVEKLFAEDTEAKNPFSTQDTDLDLEMLAPYIPMDDDFQLRSFDQLSPLESSS ASPESASPQSTVTVFQQTQIQEPTANATTTTATDELKTVTKDRMEDIKILIASPSPTHHKETTSATS SPYRDTQSRTASPNRAGKGVIEQTEKSHPRSPNVLSVALSQRTTVPEEELNPKILALQNAQRKRK MEHDGSLFQAVGII
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to HIF1A on HepG2 cell. [antibody concentration 10 ug/ml]

Gene Info — HIF1A

Entrez GeneID [3091](#)

GeneBank Accession# [NM_181054](#)

Protein Accession#	NP_851397.1
Gene Name	HIF1A
Gene Alias	HIF-1alpha, HIF1, HIF1-ALPHA, MOP1, PASD8, bHLHe78
Gene Description	hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)
Omim ID	603348
Gene Ontology	Hyperlink
Gene Summary	Hypoxia-inducible factor-1 (HIF1) is a transcription factor found in mammalian cells cultured under reduced oxygen tension that plays an essential role in cellular and systemic homeostatic responses to hypoxia. HIF1 is a heterodimer composed of an alpha subunit and a beta subunit. The beta subunit has been identified as the aryl hydrocarbon receptor nuclear translocator (ARNT). This gene encodes the alpha subunit of HIF-1. Overexpression of a natural antisense transcript (aHIF) of this gene has been shown to be associated with nonpapillary renal carcinomas. Two alternative transcripts encoding different isoforms have been identified. [provided by RefSeq]
Other Designations	ARNT interacting protein hypoxia-inducible factor 1, alpha subunit hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor) member of PAS superfamily 1

Pathway

- [mTOR signaling pathway](#)
- [Pathways in cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Altitude Sickness](#)
- [Angina Pectoris](#)
- [Anoxia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cellulitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
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- [Gilbert Disease](#)
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- [Hyperbilirubinemia](#)
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