



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# HIF1A purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00003091-B01P

規格 : [ 50 ug ]

[List All](#)

## 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:**  
 MEGAGGANDKKKISSERRKEKSRDAARRRSKESEVFYELAHQLPLPHN  
 VSSHLDKASVMRLTISYLRVRKLLDAGDLIEDDMKAQMNC FYLKALDGF  
 VMVLTDDGDMYISDNVNKYMGLTQFELTGHSVDFTHPCDHEEMREML  
 THRNLVKKGKEQNTQRSFFLRMKCTLT SRGRTMNIKSATWKVLHCTG  
 HIHYYDTNSNQPCQGYKKPPMTCVLICEPIPHPSNIEIPLDSKTFLSRHSL  
 DMKFSYCDERITELMGYEPEELLGRSIY EYHALDSDHLTKTHDMFTKG  
 QVTTGQYRMLAKRGGYVWVETQATVIYNTKNSQPQCIVCVNYVSGIIQ  
 HDLIFSLQQTECVLKPVESSDMKMTQLFTKVESEDTSSLFDKLLKKEPDAL  
 TLLAPAAGDTIISLDFGSNDTETDDQQL EEVPLYNDVMLPSPNEKLQINIL  
 AMSPLPTAETPKPLRSSADPALNQEVALKLEPNPESLELSFTMPQIQDQT  
 PSPSDGSTRQSSPEPNSPSEYCFYVDS DMVNEFKLELVEKLF AEDETEAK  
 NPFSTQDSDLLEMLAPYIPMDDDFQLRSFDQLSPLESSASPESASPQ  
 STVTVFQQTQIQEPTANATTTTATTDELKTVTKDRMEDIKILIASPSPTHIH  
 KETTSSPYRDTQSRTASPNRAGKGVIEQTEKSHPRSPNLSVALSQ  
 RTTVPEEELNPKILALQNAQRKRKMEHDGSLFQAVGII

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

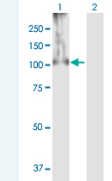
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

**Datasheet:** [Download](#)

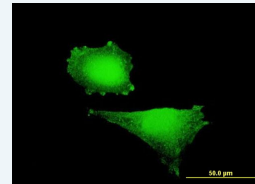
## Application Image

Western Blot (Transfected lysate)



[enlarge](#)

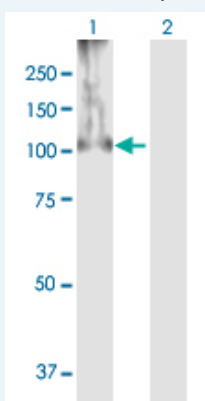
Immunofluorescence



[enlarge](#)

## Applications

Western Blot (Transfected lysate)



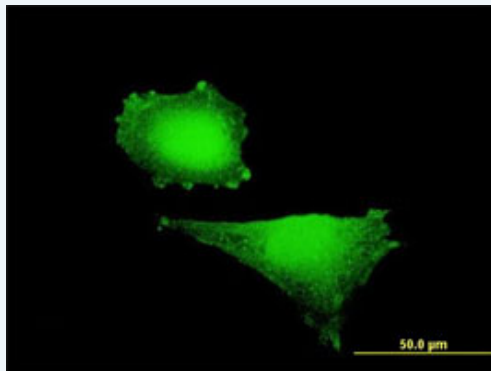
Western Blot analysis of HIF1A expression in transfected 293T cell line (H00003091-T01) by HIF1A MaxPab polyclonal antibody.


Lane 1: HIF1A transfected lysate(80.85 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Immunofluorescence



 [enlarge this image](#)

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

 [Protocol Download](#)

### Gene Information

Entrez GeneID: [3091](#)

GeneBank [NM\\_181054](#)

Accession#:

Protein [NP\\_851397.1](#)

Accession#:

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

### Gene Pathway

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

### Related Disease

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

[Breast Neoplasms](#) [Carcinoma, Hepatocellular](#) [Carcinoma, Intraductal, Noninfiltrating](#)  
[Carcinoma, Non-Small-Cell Lung](#) [Carcinoma, Renal Cell](#) [Carcinoma, Squamous Cell](#)  
[Carcinoma, Transitional Cell](#) [Cardiovascular Diseases](#) [Cellulitis](#) [Cleft Lip](#) [Cleft Palate](#)  
[Colorectal Neoplasms](#) [Coronary Disease](#)

[... see more](#)

---

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.