



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

www.szabo-scandic.com

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

HIF1A monoclonal antibody (M04), clone 2E23

Catalog # : H00003091-M04

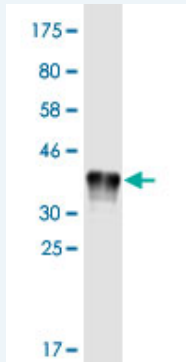
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant HIF1A.
Immunogen:	HIF1A (NP_001521, 717 a.a. ~ 826 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	QRKRKMEHDGSLFQAVGIGTLLQQPDDHAATTSLSWKRVKGCKSSEQN GMEQKTIIIPSDLACRLLGQSMDEGLPQLTSYDCEVNAPIQGSRNLLQ GEELLRALDQVN
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.84 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

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

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

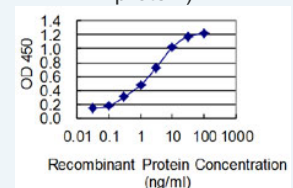
[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Application Image

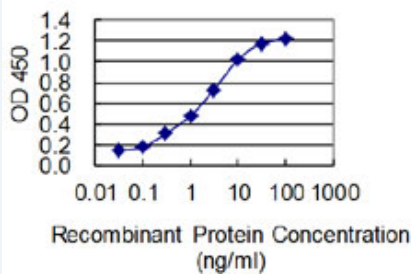
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Detection limit for recombinant GST tagged HIF1A is 0.03 ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [3091](#)

GeneBank [NM_001530](#)

Accession#:

Protein [NP_001521](#)

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

