



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## HIF1 alpha antibody

Cat No. GTX127309

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P, IHC-Fr, IP, ChIP assay
Reactivity	Human, Mouse, Rat, Rabbit, Bovine

Reference ( 76 )

★★★★★ Review ( 16 )

Package

25 µl, 100 µl

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	Assay dependent
IP	1:100-1:570
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 93 kDa. ( [Note](#) )

Specificity/Sensitivity Knockdown/Knockout validation was supported by references (PMID:25428606)

## PROPERTIES

Form	Liquid
Buffer	1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.26 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human HIF1 alpha. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

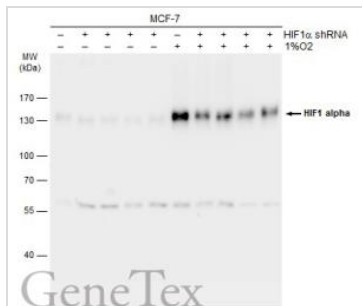


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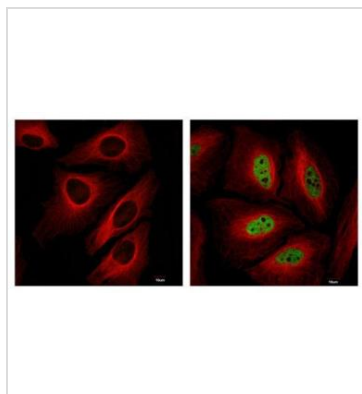
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**Note**

For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**DATA IMAGES**

**GTX127309 WB Image**

Non-transfected (–) and transfected (+) MCF-7 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with HIF1 alpha antibody (GTX127309) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX127309 ICC/IF Image**

HIF1 alpha antibody detects HIF1 alpha protein at nucleus in CoCl<sub>2</sub>-treated samples by confocal immunofluorescent analysis.

Samples: Untreated (left panel) and 500µM CoCl<sub>2</sub> treated (right panel) HeLa cells for 24 hrs were fixed in 4% paraformaldehyde for 15 min

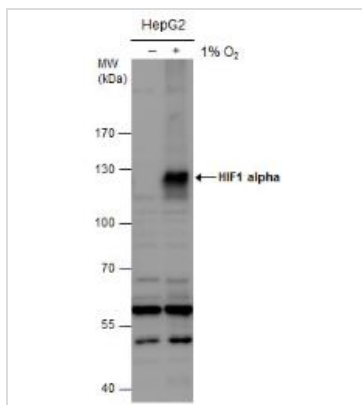
Green: HIF1alpha protein stained by HIF1 alpha antibody (GTX127309) diluted at 1:1000

Red: Alpha-tubulin, a cytoskeleton marker, stained by Alpha-tubulin antibody (GTX11304) diluted at 1:2500

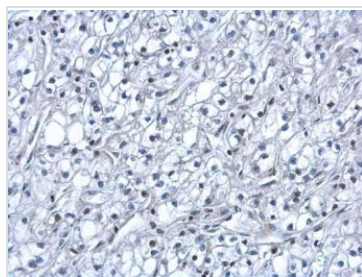
Blue: Hoechst 33342 staining.

Scale bar = 10 µm.

Images captured by Olympus FV10i Confocal Laser Scanning Microscope


**GTX127309 WB Image**

HIF1 alpha antibody detects HIF1 alpha protein by western blot analysis. Un-treated (–) and treated (+, 1% O<sub>2</sub> treatment for 24hr) HepG2 whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with HIF1 alpha antibody (GTX127309) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX127309 IHC-P Image**

HIF1 alpha antibody detects HIF1 alpha protein at nucleus on human kidney cancer by immunohistochemical analysis.

Sample: Paraffin-embedded human kidney cancer.

HIF1 alpha antibody (GTX127309) dilution: 1:500.



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