

## HIF2 alpha antibody

**Cat. No. GTX30114**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P, IHC
<b>Reactivity</b>	Human, Mouse, Rat, Monkey, Fish

References ( 15 )

Package

100 µl

## PRODUCT

## Summary

HIF2 alpha antibody recognizes HIF2 alpha / EPAS1 protein, a transcription factor (predicted molecular weight of 97 kDa) induced by hypoxic conditions. It forms a heterodimer with HIF1 beta / ARNT to drive a specific gene expression profile in various physiological and pathological processes that occur in the context of hypoxia.

## Applications

## Application Note

**Recommended Starting Dilutions:**

For WB: Use at a dilution of 1:100-1:3000. Recognizes a band at 118kDa.

For IHC: Use at a dilution of 1:100.

For ICC/IF: Use at a dilution of 1:100-1:1000.

Optimal dilutions/concentrations should be determined by the researcher.

**Calculated MW** 97 kDa. ( [Note](#) )

**Product Note** Specific for HIF-2 alpha/EPAS. Does not cross react with HIF-1 alpha.

## Properties

**Form** Liquid

**Buffer** PBS, 20% Glycerol

**Preservative** 0.01% Thimerosal

**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** 1 mg/ml (Please refer to the vial label for the specific concentration.)

**Immunogen** A peptide derived from the mouse/human HIF2 alpha.

**Purification** Purified by antigen-affinity chromatography.

**Conjugation** Unconjugated



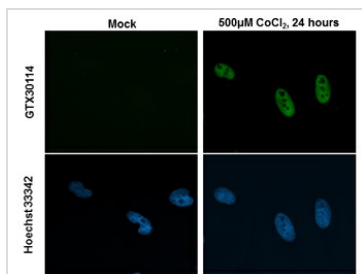
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**Note**

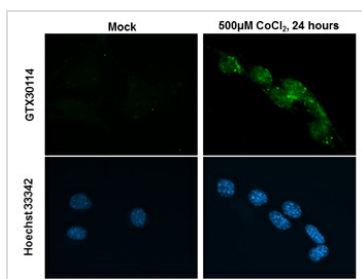
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DATA IMAGES



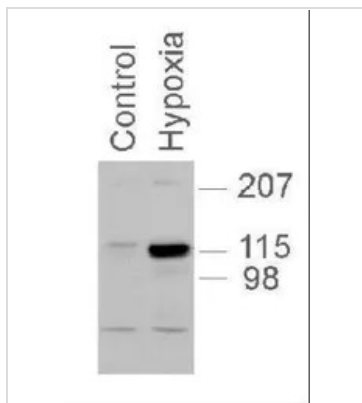
**GTX30114 ICC/IF Image**

HIF2 alpha antibody detects HIF2 alpha protein at nucleus by immunofluorescent analysis.  
 Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.  
 Green: HIF2 alpha stained by HIF2 alpha antibody (GTX30114) diluted at 1:200.  
 Blue: Hoechst 33342 staining.



**GTX30114 ICC/IF Image**

HIF2 alpha antibody detects HIF2 alpha protein at nucleus by immunofluorescent analysis.  
 Sample: NIH-3T3 cells were fixed in 4% paraformaldehyde at RT for 15 min.  
 Green: HIF2 alpha stained by HIF2 alpha antibody (GTX30114) diluted at 1:200.  
 Blue: Hoechst 33342 staining.



**GTX30114 WB Image**

GTX30114 utilized in western blot with PC12 nuclear extracts, 1:1,000, 5 second exposure.



For full product information, images and publications, please visit our [website](#).