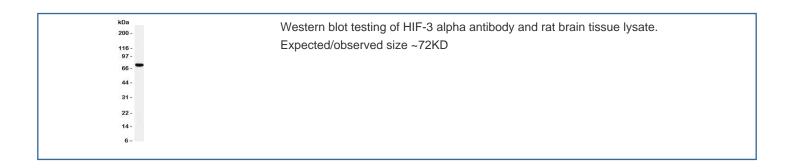


# HIF-3 alpha Antibody (R31264)

Catalog No.	Formulation	Size
R31264	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q9Y2N7
Applications	Western Blot : 0.5-1ug/ml
Limitations	This HIF-3 alpha antibody is available for research use only.



#### **Description**

Hypoxia-inducible factor 3 alpha, also called MOP7, is a protein that in humans is encoded by the HIF3A gene. This gene involved in adaptive response to hypoxia. HIF3a suppresses hypoxia-inducible expression of <u>HIF1a</u> and <u>HIF2a</u>. It binds to core DNA sequence 5'-TACGTG-3' within the hypoxia response element(HRE) of target gene promoters. The complex HIF3a-ARNT activates the transcription of reporter genes driven by HRE. This gene functions as an inhibitor of angiogenesis in the cornea.

#### **Application Notes**

The stated application concentrations are suggested starting amounts. Titration of the HIF-3 alpha antibody may be

required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

An amino acid sequence from the C-terminus of human HIF3A (DDDFQLNASEQLPRAYHR) was used as the immunogen for this HIF-3 alpha antibody.

## **Storage**

After reconstitution, the HIF-3 alpha antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.