

**HIF-2 alpha Rabbit mAb [Zf3V]**

**Cat NO. :A88436**

**Information:**

| Applications | Reactivity:         | UniProt ID: | MW(kDa) | Host   | Isotype | Size             |
|--------------|---------------------|-------------|---------|--------|---------|------------------|
| WB ICC/IF FC | Human,Mouse,R<br>at | Q99814      | 96kDa   | Rabbit | IgG     | 50ul,100ul,200ul |

**Applications detail:**

| Application  | Dilution    |
|--|-------------|
| WB   | 1:1000-2000 |
| ICC/IF   | 1:100       |
| The optimal dilutions should be determined by the end user |             |

**Conjugate:**

UnConjugate

**Form:**

Liquid

**sensitivity:**

Endogenous

**Purification:**

Affinity-chromatography

**Specificity:**

Antibody is produced by immunizing animals with A synthesized peptide derived from human HIF-2 alpha

**Storage buffer and conditions:**

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

**Tissue specificity:**

Expressed in most tissues, with highest levels in placenta, lung and heart. Selectively expressed in endothelial cells.

**Subcellular location:**

Nucleus. Nucleus speckle.

**Function:**

**Introduction:** **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

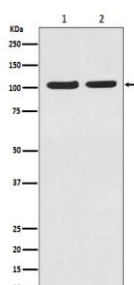
**Cross Reactivity:** **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vr:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine **Dg:** dog **Pg:** pig **Hr:** horse

**For Research Use Only. Not For Use In Diagnostic Procedures.**

Transcription factor involved in the induction of oxygen regulated genes. Heterodimerizes with ARNT, heterodimer binds to core DNA sequence 5'-TACGTG-3' within the hypoxia response element (HRE) of target gene promoters (By similarity). Regulates the vascular endothelial growth factor (VEGF) expression and seems to be implicated in the development of blood vessels and the tubular system of lung. May also play a role in the formation of the endothelium that gives rise to the blood brain barrier. Potent activator of the Tie-2 tyrosine kinase expression. Activation requires recruitment of transcriptional coactivators such as CREBBP and probably EP300. Interaction with redox regulatory protein APEX1 seems to activate CTAD (By similarity)..

## Validation Data:

### HIF-2 alpha Rabbit mAb [Zf3V] Images



Western blot ( SDS PAGE ) analysis of extracts from (1)MCF-7 cell lysate;(2)HeLa cell lysate.Using HIF-2 alpha Rabbit mAb [Zf3V]at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

**IMPORTANT:** For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.