# HIF-1-alpha Rabbit pAb

**db794** **Package : 20μL 50μL 100μL**

**Product Name :** HIF-1-alpha Rabbit pAb
**Cat.No.:** db794
**Synonyms :** HIF1; MOP1; PASD8; HIF-1A; bHLHe78; HIF-1alpha; HIF1-ALPHA; HIF-1-alpha
**Application :** WB, ICC/IF
**Reactivity :** Human, Mouse, Rat
**Host species :** Rabbit

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| **Background** | This gene encodes the alpha subunit of transcription factor hypoxia-inducible factor-1 (HIF-1), which is a heterodimer composed of an alpha and a beta subunit. HIF-1 functions as a master regulator of cellular and systemic homeostatic response to hypoxia by activating transcription of many genes, including those involved in energy metabolism, angiogenesis, apoptosis, and other genes whose protein products increase oxygen delivery or facilitate metabolic adaptation to hypoxia. HIF-1 thus plays an essential role in embryonic vascularization, tumor angiogenesis and pathophysiology of ischemic disease. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2011] |
| **Immunogen** | Recombinant protein of human HIF-1-alpha |
| **Gene ID** | 3091 |
| **Swiss Prot** | Q16665 |
| **Synonyms** | HIF1; MOP1; PASD8; HIF-1A; bHLHe78; HIF-1alpha; HIF1-ALPHA; HIF-1-alpha |
| **Reactivity** | Human, Mouse, Rat |
| **Application** | WB, ICC/IF |
| **Recommended dilution** | WB: 1:1000<br>ICC/IF: 1:50 |
| **Calculated MW** | 92 kDa |
| **Observed MW** | 120 kDa |
| **Host species** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |

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| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |