

EGLN2

Reactivity: Human Mouse Rat

Tested applications: WB IHC ICC IF FC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100
FC 1:20 - 1:50

Calculated MW: 44 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human EGLN2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

EIT6; PHD1; HPH-1; HPH-3; HIFPH1; HIF-PH1;

Catalog #: A11437

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 112398

Isotype: IgG

Swiss Prot: Q96KS0

Purity: Affinity purification

For research use only.

Background:

The hypoxia inducible factor (HIF) is a transcriptional complex that is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degradation by prolyl hydroxylation. This gene encodes an enzyme responsible for this post-translational modification. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream RAB4B (RAB4B, member RAS oncogene family) gene.

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