

EGLN2 rabbit monoclonal antibody

Catalog # H00112398-K

Size 100 ug x up to 3

Specification

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|--------------------------------|---|
| Product Description | Rabbit monoclonal antibody raised against a human EGLN2 peptide using ARM Technology. |
| Immunogen | A synthetic peptide of human EGLN2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| Host | Rabbit |
| Library Construction | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| Expression | Overexpression vector and transfection into 293H cell line. |
| Reactivity | Human |
| Purification | Protein A |
| Isotype | IgG |
| Quality Control Testing | Antibody reactive against human EGLN2 peptide by ELISA and mammalian transfected lysate by Western Blot. |
| Storage Buffer | In 1x PBS, pH 7.4 |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Deliverable | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| Note | <ol style="list-style-type: none">1. Customer may provide cell or tissue lysate for antibody screening.2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)₂, IgG, scFv and different Fc and non-Fc conjugates per customer request. |

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — EGLN2

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|---------------------|---|
| Entrez GeneID | 112398 |
| GeneBank Accession# | EGLN2 |
| Gene Name | EGLN2 |
| Gene Alias | DKFZp434E026, EIT6, HIFPH1, HPH-3, PHD1 |
| Gene Description | egl nine homolog 2 (C. elegans) |
| Omim ID | 606424 |
| Gene Ontology | Hyperlink |
| Gene Summary | The hypoxia inducible factor (HIF) is a transcriptional complex which 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 posttranslational modification. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq] |
| Other Designations | EGL nine (C.elegans) homolog 2 HIF prolyl hydroxylase 1 HIF-prolyl hydroxylase 1 estrogen-induced tag 6 hypoxia-inducible factor prolyl hydroxylase 1 prolyl hydroxylase domain-containing protein 1 |