

Product datasheet for **TA375765**

EGLN2 Rabbit Polyclonal Antibody

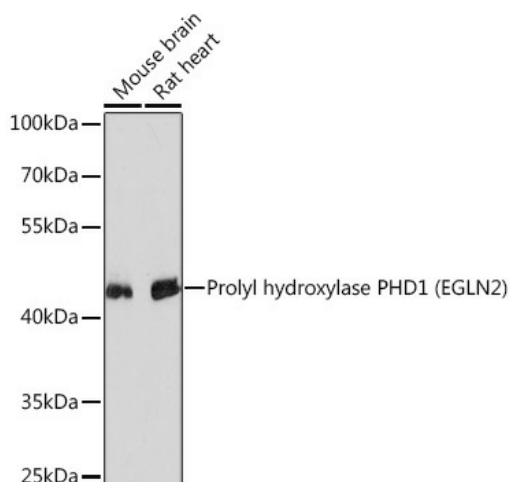
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB,1:500 - 1:2000 |
| Reactivity: | Mouse, Rat |
| Modifications: | Unmodified |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A synthetic peptide corresponding to a sequence within amino acids 150-250 of human Prolyl hydroxylase PHD1 (Prolyl hydroxylase PHD1 (EGLN2)) (NP_444274.1). |
| Formulation: | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| Concentration: | lot specific |
| Purification: | Affinity purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. |
| Stability: | Shelf life: one year from despatch. |
| Predicted Protein Size: | 40kDa/43kDa |
| Gene Name: | egl-9 family hypoxia inducible factor 2 |
| Database Link: | Q96KS0 |
| 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. |
| Synonyms: | DKFZp434E026; EIT6; HIF-PH1; HIFPH1; HPH-3; PHD1 |



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Product images:



Western blot analysis of extracts of various cell lines, using Prolyl hydroxylase PHD1 (Prolyl hydroxylase PHD1 (EGLN2)) Rabbit pAb (TA375765) at 1:1000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 30s.