

Product datasheet for **TA375766**

EGLN2 Rabbit Polyclonal Antibody

Product data:

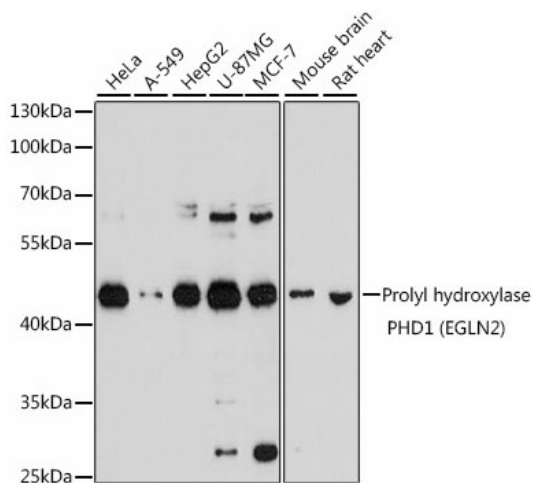
Product Type:	Primary Antibodies
Applications:	IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IP,1:20 - 1:50
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 150-250 of 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:	Entrez Gene 112398 Human 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.



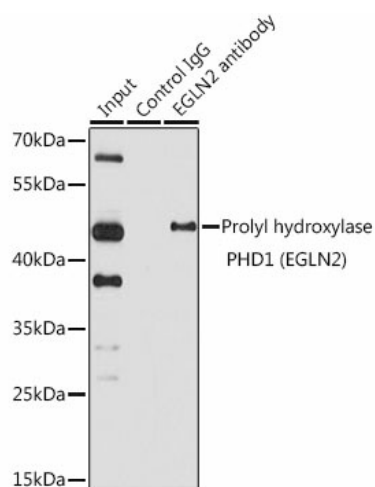
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Synonyms: DKFZp434E026; EIT6; HIF-PH1; HIFPH1; HPH-3; PHD1

Product images:



Western blot analysis of extracts of various cell lines, using Prolyl hydroxylase PHD1 (Prolyl hydroxylase PHD1 (EGLN2)) antibody (TA375766) 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.



Immunoprecipitation analysis of 150ug extracts of HeLa cells using 3ug Prolyl hydroxylase PHD1 (Prolyl hydroxylase PHD1 (EGLN2)) antibody (TA375766). Western blot was performed from the immunoprecipitate using Prolyl hydroxylase PHD1 (Prolyl hydroxylase PHD1 (EGLN2)) antibody (TA375766) at a dilution of 1:1000.