

Product datasheet for TA375766S

EGLN2 Rabbit Polyclonal Antibody

Product data:

OriGene Technologies, Inc.

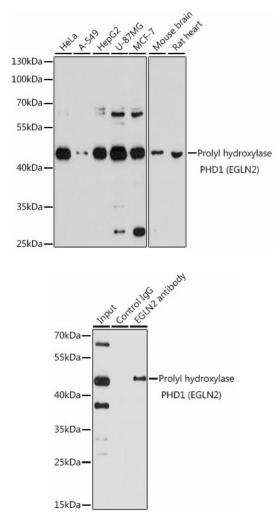
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Product Type:	Primary Antibodies
Applications:	ELISA, IP, WB
Recommended Dilution:	WB,1:500 - 1:2000 IP,0.5µg-4µg antibody for 200µg-400µg extracts of whole cells ELISA,Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
lsotype:	IgG
Clonality:	Polyclonal
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:	44kDa
Gene Name:	egl-9 family hypoxia inducible factor 2
Database Link:	<u>Entrez Gene 112398 Human</u> <u>Q96KS0</u>
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 degration 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 various lysates using Prolyl hydroxylase PHD1 (EGLN2) Rabbit pAb ([TA375766]) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

Immunoprecipitation analysis of 150 µg extracts of HeLa cells using 3 µg 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.

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