

Product datasheet for **TA337938**

EGLN2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-EGLN2 antibody: synthetic peptide directed towards the N terminal of human EGLN2. Synthetic peptide located within the following region: MCLPSPSKPTSLHPCQAMVACYPGNGLGYVRHVDNPHGDGRCITCIYYLN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16 kDa
Gene Name:	egl-9 family hypoxia inducible factor 2
Database Link:	NP_444274 Entrez Gene 112398 Human Q96KS0
Background:	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. EGLN2 encodes an enzyme responsible for this posttranslational modification. Alternative splicing of EGLN2 results in three transcript variants encoding different isoforms.
Synonyms:	EIT6; HIF-PH1; HIFPH1; HPH-1; HPH-3; PHD1



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Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%; Sheep: 86%

Protein Families: Druggable Genome

Protein Pathways: Pathways in cancer, Renal cell carcinoma

Product images:



WB Suggested Anti-EGLN2 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:62500; Positive Control: Human heart