

### Product datasheet for TA337938

# **EGLN2** Rabbit Polyclonal Antibody

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** 

Recommended Dilution: WB

Reactivity: Human

Rabbit Host:

Isotype: lgG

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.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

Conjugation: Unconjugated

Store at -20°C as received. Storage:

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 degration by prolyl hydroxylation. EGLN2 encodes an enzyme responsible for this posttranslational modification. Alternative splicing of EGLN2 results in three transcript variants encoding

different isoforms.

EIT6; HIF-PH1; HIFPH1; HPH-1; HPH-3; PHD1 Synonyms:



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**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

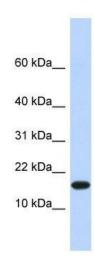
100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%; Sheep:

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