

## **Product datasheet for TA335190**

# **EN1 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-EN1 antibody: synthetic peptide directed towards the middle region

of human EN1. Synthetic peptide located within the following region: LNESQIKIWFQNKRAKIKKATGIKNGLALHLMAQGLYNHSTTTVQDKDES

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.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 40 kDa

**Gene Name:** engrailed homeobox 1

Database Link: NP 001417

Entrez Gene 2019 Human

Q05925



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#### **EN1 Rabbit Polyclonal Antibody - TA335190**

**Background:** Homeobox-containing genes are thought to have a role in controlling development. In

Drosophila, the 'engrailed' (en) gene plays an important role during development in segmentation, where it is required for the formation of posterior compartments. Different mutations in the mouse homologs, En1 and En2, produced different developmental defects that frequently are lethal. The human engrailed homologs 1 and 2 encode homeodomain-containing proteins and have been implicated in the control of pattern formation during

development of the central nervous system. [provided by RefSeq, Jul 2008]

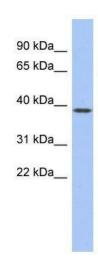
Synonyms: engrailed homeobox 1; engrailed homolog 1; OTTHUMP00000162091

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

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 80%

**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS

### **Product images:**



WB Suggested Anti-EN1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: THP-1 cell lysate