

## Product datasheet for **TA303085**

### En2 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:2,000. WB: 0.5-1.5µg/ml.
Reactivity:	Rat (Expected from sequence similarity: Human, Mouse, Dog)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-NHSTTAKEGKSDSE, from the C Terminus of the protein sequence according to NP_001418.2.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	engrailed 2
Database Link:	<a href="#">NP_034264</a> <a href="#">Entrez Gene 2020 HumanEntrez Gene 499964 RatEntrez Gene 611369 DogEntrez Gene 13799</a> <a href="#">Mouse</a> <a href="#">P09066</a>



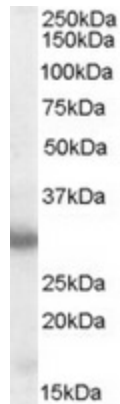
[View online »](#)

**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]

**Synonyms:**

AUTS10; engrailed-2; Hu-En-2

**Product images:**

TA303085 (0.5ug/ml) staining of Mouse Brain lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.