

## Product datasheet for **TA303295**

### NPEPPS Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:4,000. WB: 0.2-0.5µg/ml.
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-KRDAESIHQYLLQRK, from the internal region of the protein sequence according to NP_006301.2.
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:	aminopeptidase puromycin sensitive
Database Link:	<a href="#">NP_006301</a> <a href="#">Entrez Gene 19155 Mouse</a> <a href="#">Entrez Gene 50558 Rat</a> <a href="#">Entrez Gene 9520 Human</a> <a href="#">P55786</a>
Background:	This gene encodes the puromycin-sensitive aminopeptidase, a zinc metallopeptidase which hydrolyzes amino acids from the N-terminus of its substrate. The protein has been localized to both the cytoplasm and to cellular membranes. This enzyme degrades enkaphalins in the brain, and studies in mouse suggest that it is involved in proteolytic events regulating the cell cycle. COMPLETENESS: full length.



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Synonyms: AAP-S; MP100; PSA

Protein Families: Druggable Genome, Protease

### Product images:



TA303295 (0.3ug/ml) staining of Human Brain (Cerebral Cortex) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.