

## Product datasheet for **TA364143**

### ProDynorphin (PDYN) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Leumorphin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Tyr-Gly-Gly-Phe-Leu-Arg-Arg-Gln-Phe-Lys-Val-Val- Thr-Arg-Ser-Gln-Glu-Asp-Pro-Asn-Ala-Tyr-Ser-Gly-Glu-Leu-Phe-Asp-Ala- OH coupled to carrier protein.
Formulation:	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
Concentration:	N/A
Conjugation:	Unconjugated
Storage:	Original vial: at least one year at 4° - 8°C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20°C or below.
Gene Name:	prodynorphin
Database Link:	<a href="#">Entrez Gene 5173 Human P01213</a>
Background:	Leumorphin, also known as dynorphin B1–29, is a 29 amino acid opioid peptide derived from a proteolytic cleavage product of residues 226-254 of prodynorphin. It can be further reduced to dynorphin B (dynorphin B-13) and dynorphin B-14 by pitrilysin metallopeptidase 1 (formerly referred to as "dynorphin-converting enzyme"), an enzyme of the endopeptidase family. Leumorphin behaves as a potent and selective κ-opioid receptor agonist, similarly to other endogenous opioid peptide derivatives of prodynorphin. This antibody was generated by immunization of rabbits with Leumorphin coupled to a carrier protein.
Synonyms:	beta-neoendorphin; beta-neoendorphin-dynorphin; dynorphin; leu-enkephalin; leumorphin; MGC26418; PENKB; preprodynorphin; prodynorphin; rimorphin



[View online »](#)