

## Product datasheet for **TA364073**

### Enkephalin (PENK) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Met- Enkephalin. Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well. Optimal dilutions should be determined by the end user.
Reactivity:	Human, Mammalian
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide H-Try-Gly-Gly-Phe-Met-OH coupled to carrier protein.
Formulation:	Each vial contains enough antiserum for 500 RIA tubes. The powder should be rehydrated with 50ml RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN <sub>3</sub> , and 0.1% Triton X-100. Store at 4°C. This should ensure antibody stability for approximately one month.
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:	proenkephalin
Database Link:	<a href="#">Entrez Gene 5179 Human P01210</a>
Background:	Met-enkephalin is a pentapeptide, sometimes referred to as opioid growth factor (OGF). It is a naturally occurring, endogenous opioid peptide that has opioid effects of a relatively short duration. It is one of the two forms of enkephalin, the other being leu-enkephalin. The enkephalins are considered to be the primary endogenous ligands of the $\delta$ -opioid receptor, due to their high potency and selectivity for the site over the other endogenous opioids. Met-enkephalin is found mainly in the adrenal medulla and throughout the central nervous system (CNS). This antibody was generated by immunization of rabbits with Met-Enkephalin coupled to a carrier protein.
Synonyms:	preproenkephalin; proenkephalin



[View online »](#)