

## Product datasheet for **TA364166**

### Nociceptin (PNO) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA
Recommended Dilution:	This antibody has been tested and validated in ELISA against Nociceptin. 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-Phe-Gly-Gly-Phe-Thr-Gly-Ala-Arg-Lys-Ser-Ala-Arg- Lys-Leu-Ala-Asn-Gln-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:	prepronociceptin
Database Link:	<a href="#">Entrez Gene 5368 Human Q13519</a>
Background:	Nociceptin is a 17-amino acid neuropeptide and is the endogenous ligand for the nociceptin receptor (NOP, ORL-1). It initiates its function to act on numerous brain activities such as pain sensation and fear learning. Nociceptin derives from the prepronociceptin protein, as are a further 2 peptides, nocistatin and Noc-II, which inhibit the N/OFQ receptor function. Nociceptin itself acts as a potent anti-analgesic, effectively counteracting the effect of pain-relievers. This antibody was generated by immunization of rabbits with Nociceptin coupled to a carrier protein.
Synonyms:	nocistatin; OFQ; P; PPNOC; prepronociceptin; propronociceptin



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