



BMA BIOMEDICALS



Peninsula Laboratories

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## T-4457

### Rabbit anti Nociceptin

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.

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### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	A15066
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	50µl
<b>Format:</b>	Neat undiluted antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum.
<b>Stability:</b>	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.
<b>Applications:</b>	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. Please see <a href="http://www.bma.ch">www.bma.ch</a> for protocols and general information.
<b>Immunogen:</b>	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.

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This product contains no preservative and is intended for laboratory use and research purposes only. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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1.3.2021