



BMA BIOMEDICALS



Peninsula Laboratories

---

## T-4184

### Rabbit anti Bovine Adrenal Medulla Dodecapeptide (BAM-12P)

Bovine Adrenal Medulla Dodecapeptide (BAM-12P) is a 12-amino acid peptide corresponding to the precursor proenkephalin-A. It is an endogenous opioid peptide originally isolated from bovine adrenal medulla, which mimics the effects of opiate drugs, that are pain perception and stress response by exhibiting  $\kappa$ -opioid receptor selectivity. The BAM-12P was described as precursor for Bovine adrenomedullary Met-Enkephalin.

This antibody was generated by immunization of rabbits with BAM-12P coupled to a carrier protein.

---

#### TECHNICAL AND ANALYTICAL CHARACTERISTICS

<b>Lot number:</b>	n/a
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	400 $\mu$ g
<b>Format:</b>	Protein A affinity purified from antiserum, lyophilized, packaged under nitrogen. Reconstitute by adding 0.2ml distilled water. This stock solution contains 2mg/ml IgG, phosphate buffer saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative.
<b>Stability:</b>	Original vial: at least one year at 4 <sup>o</sup> - 8 <sup>o</sup> C from date of delivery. Minimize repeated thawing and freezing of the antiserum by freezing aliquots at -20 <sup>o</sup> C or below.
<b>Applications:</b>	This antibody has been tested and validated in ELISA against BAM-12P. 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-Try-Gly-Gly-Phe-Met-Arg-Arg-Val-Gly-Arg-Pro-Glu-NH <sub>2</sub> coupled to a carrier protein.

**Cross-Reactivity:**

<b>PEPTIDE:</b>	<b>%:</b>
BAM-22P	100
BA 32000	0.5
BAM 22P	0.3
Leu-Enkephalin	0
Met-Enkephalin	0
Amidorphin (bovine)	0
Peptide F (bovine)	0
Tyr-Gly-Gly-Phe-Met-Arg-Phe-Nh <sub>2</sub>	0

Related Products: T-4185: Rabbit anti BAM-12P, neat antiserum

---

This product contains Thimerosal as a 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.

T-4184

rabbit IgG

1.3.2021