



BMA BIOMEDICALS



Peninsula Laboratories

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 κ -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

Catalog Number:	T-4184 (Lot n/a)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Human
Quantity:	400 μ g
Format:	Protein A affinity purified from antiserum, lyophilized. This stock solution contains 2mg/ml IgG, phosphate buffered saline pH 7.4 (PBS), and 0.02% (w/v) Thimerosal as a preservative. Reconstitute by adding 0.2ml of distilled water.
Stability and Storage:	Original vial: 1 year at 4° - 8°C from date of purchase. Stock solution and aliquots thereof: 1 year at -20°C. Avoid freeze-thaw cycles.
Immunogen:	Synthetic peptide H-Try-Gly-Gly-Phe-Met-Arg-Arg-Val-Gly-Arg-Pro-Glu-NH ₂ coupled to carrier protein.
Protein database:	<u>human-P01210</u>

Cross-Reactivity:

PEPTIDE	%
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-Nh2	0

Applications:

Tested in ELISA against Bovine Adrenal Medulla Dodecapeptide (BAM-12P) and in immunohistochemistry (IHC). Other applications like FACS and Western blot may work as well.

Optimal dilutions should be determined by the end user
Please see **www.bma.ch** for protocols and general information

Related Products:

T-4185: Rabbit anti BAM-12P, neat antiserum
T-4188: Rabbit anti BAM-22P, purified antiserum
T-4189: Rabbit anti BAM-22P, neat antiserum

This product contains Thimerosal as a preservative and is intended for laboratory use and research purposes only. Not for diagnostic or therapeutic applications.