



BMA BIOMEDICALS



Peninsula Laboratories

T-4188

Rabbit anti Bovine Adrenal Medulla (BAM-22P)

Bovine adrenal medulla docosapeptide (BAM-22P) is a 22-amino acid peptide known to be a potent opioid agonist, derived from the proenkephalin A gene, which is present in the adrenal medulla. The increase in plasma BAM-22P levels may contribute substantially to the increase in total circulating opioid activity documented in cholestatic rats. BAM-22P is used to study the neurobiology of opioids and their receptors.

This antibody was generated by immunization of rabbits with BAM-22P coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	n/a
Host species:	Rabbit IgG
Quantity:	400µg
Format:	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.
Stability:	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.
Applications:	This antibody has been tested and validated in ELISA against BAM-22P. Other applications like immunohistochemistry (IHC), FACS or 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.
Immunogen:	Synthetic peptide H-Tyr-Gly-Gly-Phe-Met-Arg-Arg-Val-Gly-Arg-Pro-Glu-Trp-Trp-Met-Asp-Tyr-Gln-Lys-Arg-Tyr-Gly-NH ₂ coupled to a carrier protein.

Cross-Reactivity:

PEPTIDE:	%:
BAM 22P	100
BAM 3200	0.5
BAM 12P	<0.01
BAM 18P	0
Leu-Enkephalin	0
Met-Enkephalin	0
Amidorphin	0
BAM-18P	0
Met-Enkephalin-Arg-Phe	0
Met-Enkephalin-Arg-Gly-Leu	0
Peptide F (bovine)	0

Related Products: 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. Purchase of this product does not include authorization to use it in diagnostic or therapeutic applications.

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rabbit IgG

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