



BMA BIOMEDICALS



Peninsula Laboratories

T-4322

Rabbit anti FMRFamide (Molluscan Cardioexcitatory)

FMRFamide (Molluscan Cardioexcitatory) (H-Phe-Met-Arg-Phe-NH₂) is a neuropeptide from a broad family of FMRFamide-related peptides (FaRPs), all sharing an -RFamide sequence at their C-terminus. It is an important neuropeptide in several phyla such as Insecta, Nematoda, Mollusca, and Annelida. FMRFamide is the most abundant neuropeptide in endocrine cells of insect alimentary tracts along with allatostatin and tachykinin families; however, the neuropeptide's function is not known. In invertebrates, the FMRFamide-related peptides are known to affect heart rate, blood pressure, gut motility, feeding behaviour and reproduction. In vertebrates such as mice, they are known to affect opioid receptors, resulting in elicitation of naloxone-sensitive antinociception and reduction of morphine-induced antinociception.

This antibody was generated by immunization of rabbits with FMRFamide coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	A18PO23051
Host species, isotype:	Rabbit IgG
Quantity:	50µl
Format:	Neat undiluted antiserum, lyophilized, packaged under nitrogen Reconstitute by adding 50µl distilled water. This will give the equivalent of undiluted antiserum; does not contain any preservative.
Stability:	Original vial: 1 year at 4° - 8°C from date of delivery. Stock solution and aliquots thereof: at -20°C. Avoid repeated thawing and freezing.
Applications:	Tested in immunohistochemistry (IHC). Other applications like ELISA, FACS or Western Blot may work as well. Approximate working dilution for IHC: Paraffin sections: (1:800); Proteinase K pretreatment for antigen retrieval is recommended. Frozen sections: not tested. Optimal dilutions should be determined by the end user. Please see www.bma.ch for protocols and general information.
Immunogen:	Synthetic peptide H-Phe-Met-Arg-Phe-NH ₂ coupled to carrier protein.

Related Products

T-4321: Rabbit anti FMRFamide, purified IgG

T-4568: Rabbit anti FMRFamide, diluted antiserum

For in vitro research only. This product contains no preservative.

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