



BMA BIOMEDICALS



Peninsula Laboratories

T-4136

Rabbit anti Adrenomedullin (rat) [UniProt: P43145]

Adrenomedullin (ADM or AM) is a vasodilator peptide hormone consisted of 52 amino acids with an intramolecular disulfide bond. It shows a slight homology with the calcitonin gene-related peptide (CGRP). Adrenomedullin was initially isolated from a pheochromocytoma, a tumor of the adrenal medulla. It may function as a hormone in the circulation control because it is found in blood in a considerable concentration.

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

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	960558-4
Host species:	Rabbit IgG
Quantity:	50ml diluted antiserum, lyophilized
Format:	Each vial contains enough antiserum for 500 RIA tubes. The powder should be rehydrated with 50ml RIA buffer. Upon reconstitution to 50ml total volume, the solution contains 0.1M sodium phosphate buffer (pH 7.4), 0.05M NaCl, 0.1% BSA, 0.01% NaN ₃ , and 0.1% Triton X-100. Store at 4°C. This should ensure antibody stability for approximately one month.
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 Adrenomedullin. 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-Arg-Gln-Ser-Met-Asn-Gln-Gly-Ser-Arg-Ser-Thr-Gly-Cys-Arg-Phe-Gly-Thr-Cys-Thr-Met-Gln-Lys-Leu-Ala-His-Gln-Ile-Tyr-Gln-Phe-Thr-Asp-Lys-Asp-Lys-Asp-Gly-Met-Ala-Pro-Arg-Asn-Lys-Ile-Ser-Pro-Gln-Gly-Tyr-NH ₂ , (Disulfide bond) coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%
Adrenomedullin (rat)	100
Adrenomedullin (human)	0
Proadrenomedullin (1-20) (human)	0
Proadrenomedullin (1-20) (rat)	0
Amylin (free acid) (human)	0
Endothelin-1 (human, porcine, canine, rat, mouse, bovine)	0

Related Products: T-4133: Rabbit anti Proadrenomedullin (1-20), diluted antiserum
T-4134: Rabbit anti Proadrenomedullin (1-20), neat antiserum
T-4843: Rabbit anti Proadrenomedullin (45-92), purified IgG
S-1423: ELISA, high sensitivity for extracted samples (rt)
S-1296: ELISA, high sensitivity for extracted samples (hu)
T-4130: Rabbit anti Adrenomedullin, purified IgG
T-4129: Rabbit anti Adrenomedullin (hu), diluted antiserum
T-4131: Rabbit anti Adrenomedullin (hu), neat antiserum
T-4138: Rabbit anti Adrenomedullin (rt), 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-4136

diluted antiserum

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