



BMA BIOMEDICALS



Peninsula Laboratories

Rabbit anti Adrenomedullin (ADM) (1-52)

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

Catalog Number:	T-4129 (Lot 034199-4)
Clonality:	Polyclonal
Host species:	Rabbit
Reactivity:	Human
Quantity:	1.0 ml
Format:	Diluted antiserum, lyophilized. This stock 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. Reconstitute by adding 1.0 ml 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-Tyr-Arg-Gln-Ser-Met-Asn-Asn-Phe-Gln-Gly-Leu-Arg-Ser-Phe-Gly-Cys-Arg-Phe-Gly-Thr-Cys-Thr-Val-Gln-Lys-Leu-Ala-His-Gln-Ile-Tyr-Gln-Phe-Thr-Asp-Lys-Asp-Lys-Asp-Asn-Val-Ala-Pro-Arg-Ser-Lys-Ile-Ser-Pro-Gln-Gly-Tyr-NH ₂ , (Disulfide bond) coupled to carrier protein.
Protein database:	human-P35318
Cross-Reactivity:	

PEPTIDE	%
ADM (human)	100
ADM (rat)	0
ADM (13-52) (human)	0
Amylin (free acid) (human)	0

Cross-Reactivity:

PEPTIDE	%
α -CGRP (human)	0
β -CGRP (human)	0
Endothelin-1 (porcine, human, rat, mouse, canine, bovine)	0
α ANP (1-28) (human)	0
BNP-32 (human)	0
CNP (32-53) (porcine)	0

Applications:

Tested in ELISA against Adrenomedullin (1-52). Other applications like immunohistochemistry (IHC), FACS or Western Blot may work as well.
Optimal dilutions should be determined by the end user.
Please see **bma.ch** for protocols and general information.

Related Products:

S-1296: ELISA Proadrenomedullin high sensitivity for extracted samples, (hu)
S-1409: ELISA Adrenomedullin high sensitivity for extracted samples, (hu)
T-4130: Rabbit anti Adrenomedullin, purified antiserum, (hu)
T-4131: Rabbit anti Adrenomedullin, neat antiserum, (hu)
T-4133: Rabbit anti Proadrenomedullin (1-20), diluted antiserum
T-4134: Rabbit anti Proadrenomedullin (1-20), neat antiserum
T-4136: Rabbit anti Adrenomedullin, diluted antiserum, (rt)
T-4138: Rabbit anti Adrenomedullin, neat antiserum, (rt)
T-4843: Rabbit anti Proadrenomedullin (45-92), purified antiserum

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