



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 (1-52) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Catalog Number:	T-4130 (Lot A07856)
Clonality:	Polyclonal
Host species:	Rabbit IgG
Reactivity:	Human
Quantity:	400µg
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-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-NH₂, (Disulfide bond) coupled to carrier protein.

Protein database: [human-P35318](#)

Cross-Reactivity:

PEPTIDE	%
ADM (1-52) (human)	100
ADM (1-50) (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, rat, human, rat, mouse, dog)	0
ANF (1-28) (human)	0
BNP-32 (human)	0
CNP (32-53) (porcine)	0

Applications:

Tested in ELISA against Adrenomedullin (1-52) 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-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 antiserum
S-1423: ELISA high sensitivity for extracted samples (rt)
S-1296: ELISA high sensitivity for extracted samples (hu)
S-1409: ELISA high sensitivity for extracted samples (hu)
T-4129: Rabbit anti Adrenomedullin, diluted antiserum (hu)
T-4131: Rabbit anti Adrenomedullin, neat antiserum (hu)
T-4136: Rabbit anti Adrenomedullin, diluted antiserum (rt)
T-4137: Rabbit anti Adrenomedullin, purified antiserum (rt)
T-4138: Rabbit anti Adrenomedullin, neat antiserum (rt)

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