



BMA BIOMEDICALS



Peninsula Laboratories

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## **T-4130**

### **Rabbit anti Adrenomedullin (ADM) (1-52) (human) [UniProt: P35318]**

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.

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#### **TECHNICAL AND ANALYTICAL CHARACTERISTICS**

<b>Lot number:</b>	A07856
<b>Host species:</b>	Rabbit IgG
<b>Quantity:</b>	400µg
<b>Format:</b>	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.
<b>Stability:</b>	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.
<b>Applications:</b>	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 <b>www.bma.ch</b> for protocols and general information.
<b>Immunogen:</b>	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 <sub>2</sub> , (Disulfide bond) coupled to a carrier protein.

**Cross-Reactivity:**

PEPTIDE:	%:
ADM (1-52) (human)	100
ADM (1-50) (rat)	0
ADM (13-52) (human)	0
Amylin (free acid) (human)	0
$\alpha$ -CGRP ((human)	0
$\beta$ -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

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)  
S-1409: ELISA, high sensitivity for extracted samples (hu)  
T-4129: Rabbit anti Adrenomedullin (hu), diluted antiserum  
T-4131: Rabbit anti Adrenomedullin (hu), neat antiserum  
T-4136: Rabbit anti Adrenomedullin (rt), diluted antiserum  
T-4138: Rabbit anti Adrenomedullin (rt), neat antiserum

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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-4130

rabbit IgG

1.3.2021