



BMA BIOMEDICALS



Peninsula Laboratories

T-4133

Rabbit anti Proadrenomedullin (1-20) (human) [UniProt: P35318]

Proadrenomedullin, the precursor of adrenomedullin, contains a unique 20-residue sequence termed proadrenomedullin NH₂-terminal 20 peptide (PAMP). It has been suggested that PAMP functions as an inhibitory modulator of renal noradrenergic neurotransmission and plays an important role in regulating renal functions. Also, PAMP can act as an inhibitory regulator of adrenal catecholamine release in vivo and has a potent hyperglycemic effect after intra-third cerebroventricular administration in fasted mice.

This antibody was generated by immunization of rabbits with Proadrenomedullin (1-20) coupled to a carrier protein.

TECHNICAL AND ANALYTICAL CHARACTERISTICS

Lot number:	023540
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 Proadrenomedullin (1-20). 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-Ala-Arg-Leu-Asp-Val-Ala-Ser-Glu-Phe-Arg-Lys-Lys-Trp-Asn-Lys-Trp-Ala-Leu-Ser-Arg-NH ₂ coupled to carrier protein.

Cross-Reactivity:

PEPTIDE:	%
Proadrenomedullin (1-20) (human)	100
Proadrenomedullin (1-20) (rat)	0
ADM (human)	0
ADM (rat)	0
Amylin (free acid) (human)	0
Endothelin-1 (human, porcine, canine, rat, mouse, bovine)	0
Big Endothelin -1 (human)	0
BNP-32 (rat)	0

Related Products: S-1296: ELISA, high sensitivity for extracted samples (hu)
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-1409: 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-4136: Rabbit anti Adrenomedullin (rt), diluted 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-4133

diluted antiserum

1.3.2021