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Product datasheet for AP20574PU-N

Adrenomedullin (ADM) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	**Immunohistochemistry on Paraffin Sections:** 1/50-1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 70-120 of Human ADM.
Specificity:	This antibody detects endogenous levels of ADM protein. (region surrounding asn100)
Formulation:	PBS, pH~7.2 State: Aff - Purified State: Liquid purified Ig fraction (> 95% by SDS-PAGE) Preservative: 0.05% Sodium Azide
Concentration:	1.0 mg/ml
Purification:	Affinity Chromatography using epitope-specific immunogen
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	adrenomedullin
Database Link:	Entrez Gene 11535 MouseEntrez Gene 25026 RatEntrez Gene 133 Human P35318

View online »

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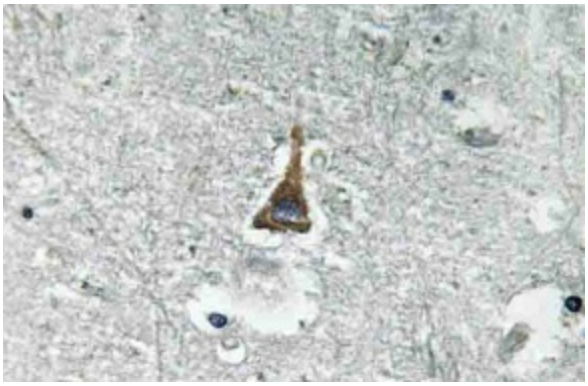
Background: Adrenomedullin (ADM), a vasodilator produced by most contractile cells, is characterized by persistent hypotensive activity. ADM is involved in the regulation of fluid and electrolyte homeostasis and in the maintenance of cardiovascular functioning. In hypertensive patients, the level of ADM in plasma is upregulated. Natriuresis is a common systemic manifestation of aneurysmal subarachnoid hemorrhage. ADM has strong natriuretic actions. ADM-induced natriuresis is caused by an increase in glomerular filtration rate and a decrease in distal tubular sodium reabsorption. ADM is present both in the periphery and brain, and can exert central effects such as decreasing food ingestion.

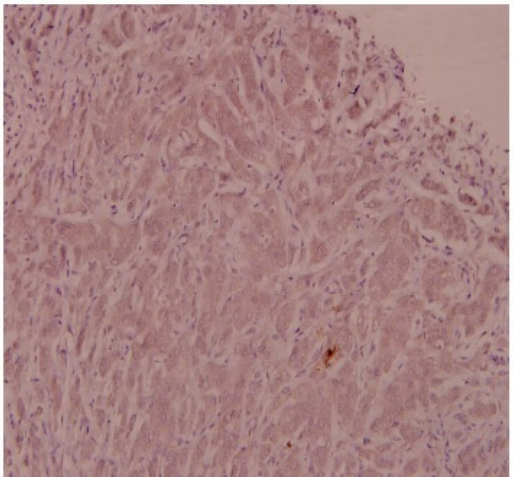
Synonyms: adrenomedullin; AM; preproadrenomedullin

Protein Families: Druggable Genome, Secreted Protein

Product images:



Immunohistochemistry analysis of ADM Antibody in paraffin-embedded human brain tissue.



Immunohistochemistry analysis of ADM Antibody in paraffin-embedded human breast carcinoma tissue at 1/100.

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