

Product datasheet for **TA323219**

Adrenomedullin (ADM) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human breast cancer Predicted cell location: Secreted
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 129-141 amino acids of human adrenomedullin
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	adrenomedullin
Database Link:	NP_001115 Entrez Gene 133 Human P35318



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Background:

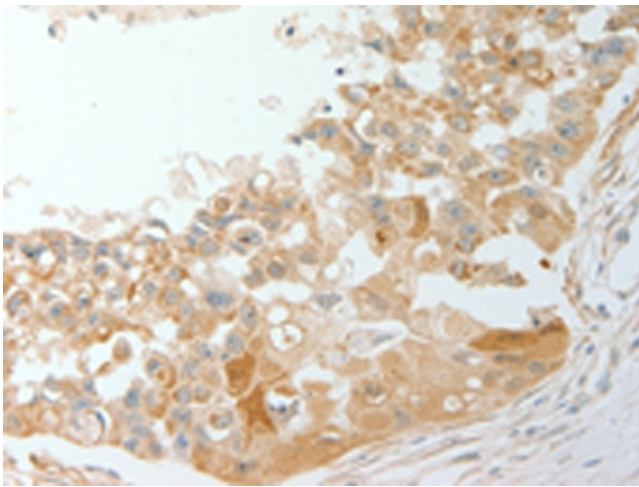
Adrenomedullin; a hypotensive peptide found in human pheochromocytoma; consists of 52 amino acids; has 1 intramolecular disulfide bond; and shows a slight homology with the calcitonin gene-related peptide. It may function as a hormone in circulation control because it is found in blood in a considerable concentration. The precursor; called preproadrenomedullin; is 185 amino acids long. By RNA-blot analysis; human adrenomedullin mRNA was found to be highly expressed in several tissues. Genomic ADM DNA consists of 4 exons and 3 introns; with the 5-prime flanking region containing TATA; CAAT; and GC boxes. There are also multiple binding sites for activator protein-2 and a cAMP-regulated enhancer element.

Synonyms:

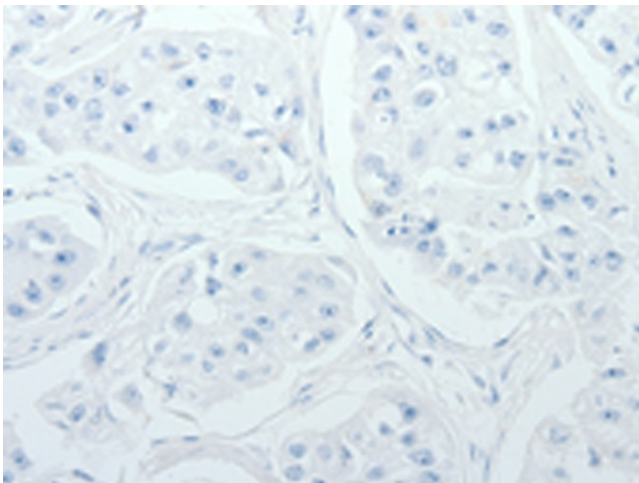
AM; PAMP

Protein Families:

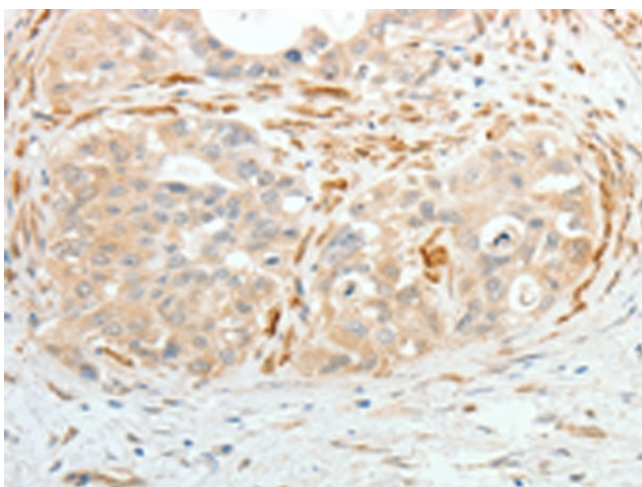
Druggable Genome, Secreted Protein

Product images:

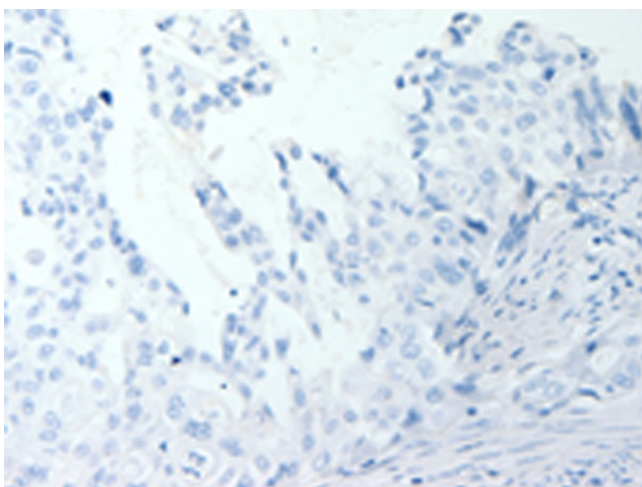
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA323219 (ADM Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA323219 (ADM Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA323219 (ADM Antibody) at dilution 1/20 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA323219 (ADM Antibody) at dilution 1/20, treated with synthetic peptide. (Original magnification: $\times 200$)