

## ADM Polyclonal Antibody

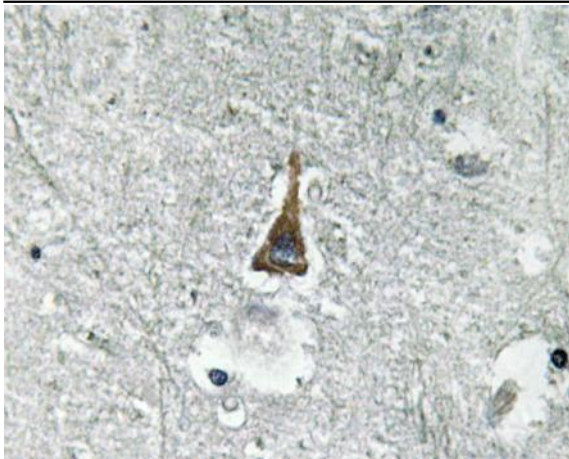
<b>Catalog No :</b>	YT0136
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	ADM
<b>Fields :</b>	>>Neuroactive ligand-receptor interaction;>>Vascular smooth muscle contraction
<b>Gene Name :</b>	ADM
<b>Protein Name :</b>	ADM
<b>Human Gene Id :</b>	133
<b>Human Swiss Prot No :</b>	P35318
<b>Mouse Gene Id :</b>	11535
<b>Mouse Swiss Prot No :</b>	P97297
<b>Rat Gene Id :</b>	25026
<b>Rat Swiss Prot No :</b>	P43145
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human ADM. AA range:51-100
<b>Specificity :</b>	ADM Polyclonal Antibody detects endogenous levels of ADM protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:100 - 1:300. ELISA: 1:40000.. IF 1:50-200

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<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	20kD
<b>Background :</b>	<p>The protein encoded by this gene is a preprohormone which is cleaved to form two biologically active peptides, adrenomedullin and proadrenomedullin N-terminal 20 peptide. Adrenomedullin is a 52 aa peptide with several functions, including vasodilation, regulation of hormone secretion, promotion of angiogenesis, and antimicrobial activity. The antimicrobial activity is antibacterial, as the peptide has been shown to kill E. coli and S. aureus at low concentration. [provided by RefSeq, Aug 2014],</p>
<b>Function :</b>	<p>function:AM and PAMP are potent hypotensive and vasodilatator agents. Numerous actions have been reported most related to the physiologic control of fluid and electrolyte homeostasis. In the kidney, am is diuretic and natriuretic, and both am and pamp inhibit aldosterone secretion by direct adrenal actions. In pituitary gland, both peptides at physiologically relevant doses inhibit basal ACTH secretion. Both peptides appear to act in brain and pituitary gland to facilitate the loss of plasma volume, actions which complement their hypotensive effects in blood vessels.,similarity:Belongs to the adrenomedullin family.,tissue specificity:Highest levels found in pheochromocytoma and adrenal medulla. Also found in lung, ventricle and kidney tissues.,</p>
<b>Subcellular Location :</b>	Secreted.
<b>Expression :</b>	Highest levels found in pheochromocytoma and adrenal medulla. Also found in lung, ventricle and kidney tissues.

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## Products Images



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