



ADM Monoclonal Antibody

Catalog No	YP-mAb-16005
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ADM
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human ADM. AA range:101-150
Specificity	ADM Monoclonal Antibody detects endogenous levels of ADM protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ADM;AM;PAMP;Pro-adrenomedullin;Proadrenomedullin N-2 terminal peptide
Observed Band	20kD
Calculated Molecular Weight	20kD
Cell Pathway	Secreted.
Tissue Specificity	Highest levels found in pheochromocytoma and adrenal medulla. Also found in lung, ventricle and kidney tissues.
Function	function:AM and PAMP are potent hypotensive and vasodilator 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.,



Background

The protein encoded by this gene is a prehormone 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],

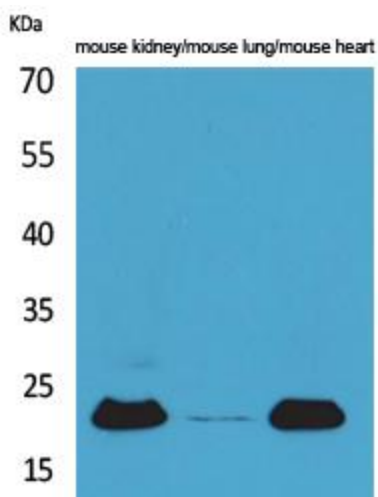
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using ADM Monoclonal Antibody