
Summary

Production Name	ADM Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,IF,ELISA
Reactivity	Human,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	ADM
Alternative Names	ADM; AM; ADM
Gene ID	133.0
SwissProt ID	P35318.The antiserum was produced against synthesized peptide derived from the Internal region of human ADM. AA range:101-150

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC-p: 1:100-300 ELISA: 1:20000.. IF 1:50-200
Molecular Weight	20kD

Background

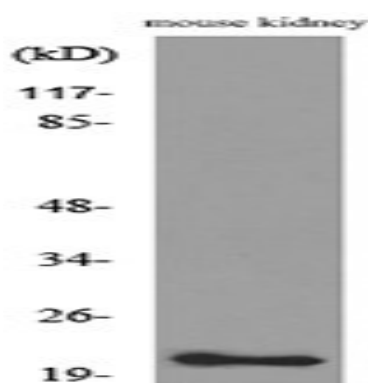
Product Name: ADM Rabbit Polyclonal Antibody
Catalog #: APRab06640



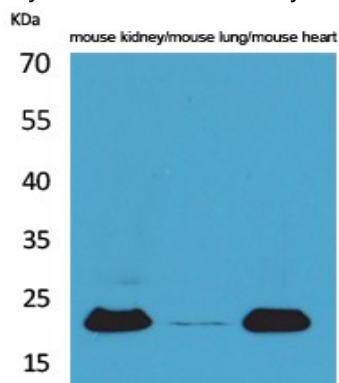
The protein encoded by this gene is a prehormone which is cleaved to form two biologically active peptides, adrenomedullin and proadrenomedullin N-terminal 20 peptide. Adrenomedullin is a 52 aa peptide with several functions, including vasodilation, regulation of hormone secretion, promotion of angiogenesis, 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],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.,

Research Area

Image Data

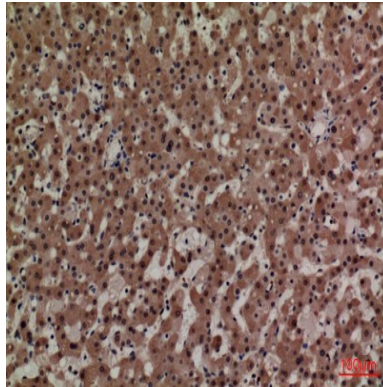


Western blot analysis of lysate from mouse kidney cells, using ADM Antibody.

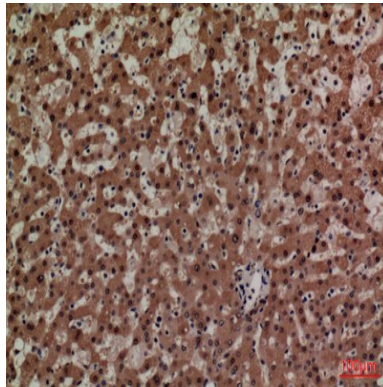


Western Blot analysis of mouse kidney, mouse lung, mouse heart cells using ADM Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

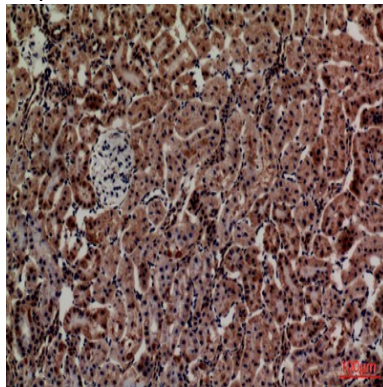
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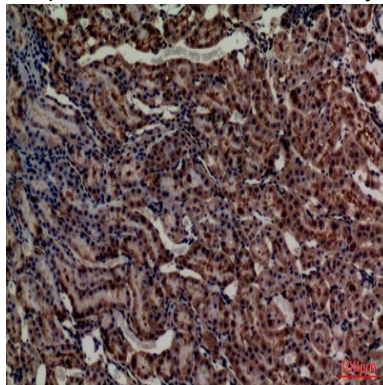
Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded rat-kidney, antibody was diluted at 1:100



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Immunohistochemical analysis of paraffin-embedded rat-kidney, antibody was diluted at 1:100

Note

For research use only.