10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Adrenomedullin Antibody

Rabbit polyclonal antibody to Adrenomedullin
Catalog # AP59960

Product Information

Application	WB, IP
Primary Accession	P35318
Reactivity	Human, Mouse, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20420

Additional Information

Gene ID	133
Other Names	AM; ADM
Target/Specificity	Recognizes endogenous levels of Adrenomedullin protein.
Dilution	WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IP~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

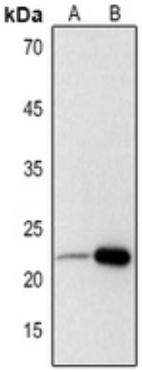
Name	ADM (HGNC:259)
Synonyms	AM
Function	Adrenomedullin/ADM and proadrenomedullin N-20 terminal peptide/PAMP are peptide hormones that act as potent hypotensive and vasodilatator agents (PubMed:8387282, PubMed:9620797). Numerous actions have been reported most related to the physiologic control of fluid and electrolyte homeostasis. In the kidney, ADM is diuretic and natriuretic, and both ADM 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.
Cellular Location	Secreted.
Tissue Location	Highest levels found in pheochromocytoma and adrenal medulla. Also found

in lung, ventricle and kidney tissues

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Adrenomedullin. The exact sequence is proprietary.

Images



Western blot analysis of Adrenomedullin expression in mouse lung (A), mouse kidney (B) whole cell lysates.