antibodies - online.com







anti-Adrenomedullin antibody (N-Term)



Image



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|--------|----------|
| ()\/△ | rview |
| \cup | 1 410 44 |

| Quantity: | 100 μL |
|-----------------------|--|
| Target: | Adrenomedullin (ADM) |
| Binding Specificity: | N-Term |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Adrenomedullin antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |
| Product Details | |
| Immunogen: | A synthesized peptide derived from human ADM, corresponding to a region within N-terminal amino acids. |
| Isotype: | IgG |
| Specificity: | ADM Antibody detects endogenous levels of total ADM. |
| Predicted Reactivity: | Pig,Bovine,Horse,Sheep,Rabbit,Dog |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific). |
| Target Details | |
| Target: | Adrenomedullin (ADM) |
| | |

Target Details

Application Notes:

| Alternative Name: | ADM (ADM Products) |
|---------------------|--|
| Target Type: | Hormone |
| Background: | Description: 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. Gene: ADM |
| Molecular Weight: | 20 kDa |
| Gene ID: | 133 |
| UniProt: | P35318 |
| Pathways: | Hormone Transport, Hormone Activity, C21-Steroid Hormone Metabolic Process, cAMP Metabolic Process, Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling, Tube Formation |
| Application Details | |

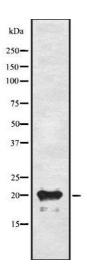
| Restrictions: | For Research Use only |
|--------------------|--|
| Handling | |
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |

WB 1:500-2000, ELISA(peptide) 1:20000-1:40000

Handling

| Storage Comment: | Store at -20 °C. Stable for 12 months from date of receipt. |
|------------------|---|
| Expiry Date: | 12 months |

Images



Western Blotting

Image 1. Western blot analysis of ADM using A549 whole cell lysates