

ADM2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP18001a

Product Information

Application WB, E **Primary Accession** Q7Z4H4 **Other Accession** NP 079142.2 Reactivity Human Host Rabbit Clonality Polyclonal Isotype Rabbit IgG **Clone Names** RB22136 **Calculated MW** 15865 15-42 **Antigen Region**

Additional Information

Gene ID 79924

Other Names ADM2, Intermedin, Adrenomedullin-2, AM2, Intermedin-long, IMDL,

Intermedin-short, IMDS, ADM2, AM2

Target/Specificity This ADM2 antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 15-42 amino acids of human ADM2.

Dilution WB~~1:1000 E~~Use at an assay dependent concentration.

Format Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions ADM2 Antibody (N-term) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

Name ADM2 (<u>HGNC:28898</u>)

Synonyms AM2

Function Intermedin/ADM2 is a peptide hormone that plays a role as physiological

regulator of gastrointestinal and cardiovascular bioactivities mediated by the

CALCRL-RAMPs receptor complexes (PubMed: <u>14615490</u>). Activates the cAMP-dependent pathway through interaction with CALCRL-RAMP3 receptor complex (PubMed: <u>14615490</u>).

Cellular Location Secreted.

Tissue Location Expressed in the esophagus, stomach, jejunum, ileum, ileocecum, ascending

colon, transverse colon, descending colon and rectum. Expressed in

myocardial cells of the heart, renal tubular cells, hypothalamus, and pituitary.

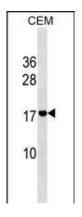
Background

ADM2 belongs to a family of calcitonin (MIM 114130)-related peptide hormones important for regulating diverse physiologic functions and the chemical composition of fluids and tissues.

References

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Chauhan, M., et al. Biol. Reprod. 81(4):777-783(2009)
Smith, R.S. Jr., et al. Am. J. Physiol. Heart Circ. Physiol. 297 (3), H1040-H1047 (2009):
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Images



ADM2 Antibody (N-term) (Cat. #AP18001a) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the ADM2 antibody detected the ADM2 protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.