

ADM2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18001a**Specification**

ADM2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q7Z4H4
Other Accession	NP_079142.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	15-42

ADM2 Antibody (N-term) - 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.

ADM2 Antibody (N-term) - Protein Information**Name** ADM2 ([HGNC:28898](#))**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:[14615490](#)). Activates the cAMP-dependent pathway through interaction with CALCRL-RAMP3 receptor complex (PubMed:[14615490](#)).

Cellular Location

Secreted.

Tissue Location

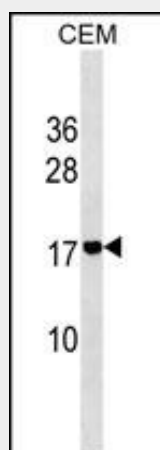
Expressed in the esophagus, stomach, jejunum, ileum, ileocecum, ascending colon, transverse colon, descending colon and rectum. Expressed in myocardial cells of the heart, renal tubular cells, hypothalamus, and pituitary.

ADM2 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ADM2 Antibody (N-term) - 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).

ADM2 Antibody (N-term) - 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.

ADM2 Antibody (N-term) - References

Cai, Y., et al. Cardiovasc. Res. 85(4):864-873(2010)
Pfeil, U., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 297 (5), L837-L845 (2009) :
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Pearson, L.J., et al. Cell. Physiol. Biochem. 23 (1-3), 97-108 (2009) :