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ADM2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP18001a

Specification

ADM2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession Q7Z4H4

ADM2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 79924

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ADM2 Antibody (N-term) Blocking Peptide - 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.

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ADM2 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

ADM2 Antibody (N-term) Blocking Peptide - Images

ADM2 Antibody (N-term) Blocking Peptide - Background

ADM2 belongs to a family of calcitonin (MIM114130)-related peptide hormones important for regulating diversephysiologic functions and the chemical composition of fluids andtissues.

ADM2 Antibody (N-term) Blocking Peptide - 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) :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) :Pearson, L.J., et al. Cell. Physiol. Biochem. 23 (1-3), 97-108 (2009) :