

Rabbit anti-Human ADM2 Polyclonal Antibody | anti-ADM2 antibody

ADM2 Antibody (N-term)

CATALOG # AAA290078	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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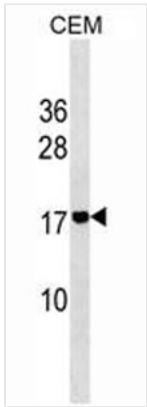
PRODUCT SYNONYMS

ADM2; Polyclonal Antibody; ADM2 Antibody (N-term); Intermedin; Adrenomedullin-2; AM2; Intermedin-long; IMDL; Intermedin-short; IMDS; anti-ADM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Clone Number	RB22136
Specificity	This ADM2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-42 amino acids from the N-terminal region of human ADM2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Sequence Positions	15-42
Sequence Length	148
Applicable Applications for anti-ADM2 antibody	ELISA, WB (Western Blot)
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.
Function	IMDL and IMDS may play a role as physiological regulators of gastrointestinal, cardiovascular bioactivities mediated by the CALCRL/RAMPs receptor complexes. Activates the cAMP-dependent pathway.
Preparation and 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.

IMAGES



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

ADDITIONAL INFORMATION

Related Product Information for anti-ADM2 antibody	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.
Product Categories/Family for anti-ADM2 antibody	Developmental biology ; Neuroscience ; Signal transduction
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) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	359718926
NCBI GeneID	79924
NCBI Accession #	NP_001240774.1 ; NP_079142.2
NCBI GenBank Nucleotide #	NM_001253845.1
UniProt Accession #	Q7Z4H4 ; Q3LFQ0
NCBI Official Full Name	ADM2 preproprotein
NCBI Official Synonym Full Names	adrenomedullin 2
NCBI Official Symbol	ADM2
NCBI Official Synonym Symbols	AM2; dJ579N16.4
NCBI Protein Information	ADM2
UniProt Protein Name	ADM2
UniProt Gene Name	ADM2
UniProt Synonym Gene Names	AM2; AM2; IMDL; IMDS
UniProt Entry Name	ADM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/adm2-antibody-clone-rb22136-western-blot-elisa/290078>