

Rabbit ADM Polyclonal Antibody | anti-ADM antibody

ADM Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286814	Rabbit	Human (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, ELISA, Western Blot

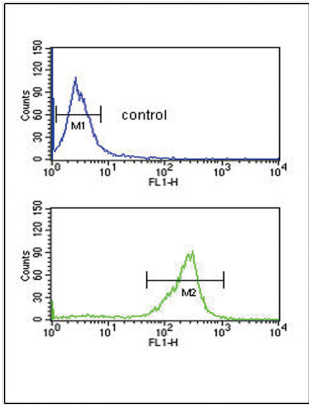
PRODUCT SYNONYMS

ADM; Polyclonal Antibody; ADM Antibody (Center); Adrenomedullin; AM; Proadrenomedullin N-20 terminal peptide; ProAM N-terminal 20 peptide; PAMP; ProAM-N20; anti-ADM antibody

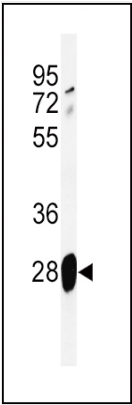
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ADM antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 69-96 amino acids from the Central region of human ADM.
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.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Positions	69-96
Sequence Length	185
Applicable Applications for anti-ADM antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
ADM Antibody (Center) flow cytometric analysis of MDA-MB435 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ADM Antibody (Center) in mouse lung tissue lysates (35ug/lane). ADM (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ADM antibody	ADM, a hypotensive peptide found in human pheochromocytoma, consists of 52 amino acids, has 1 intramolecular disulfide bond, and shows a slight homology with the calcitonin gene-related peptide. It may function as a hormone in circulation control because it is found in blood in a considerable concentration. The precursor, called preproadrenomedullin, is 185 amino acids long. By RNA-blot analysis, human adrenomedullin mRNA was found to be highly expressed in several tissues. Genomic ADM DNA consists of 4 exons and 3 introns, with the 5-prime flanking region containing TATA, CAAT, and GC boxes.
Product Categories/Family for anti-ADM antibody	Cancer; Cardiovascular; Metabolism; Neuroscience; Signal transduction
References	Kim, S.M., et al. FEBS Lett. 584(1):213-218(2010) Oie, E., et al. Basic Res. Cardiol. 105(1):89-98(2010) Nomura, I., et al. Regul. Pept. 158 (1-3), 127-131 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501945
NCBI GeneID	133
NCBI Accession #	NP_001115.1
NCBI GenBank Nucleotide #	NM_001124.2
UniProt Accession #	P35318; Q6FGW2; B2R793; D3DQV3
Molecular Weight	20420
NCBI Official Full Name	ADM
NCBI Official Synonym Full Names	adrenomedullin
NCBI Official Symbol	ADM
NCBI Official Synonym Symbols	AM; PAMP
NCBI Protein Information	ADM
UniProt Protein Name	ADM
UniProt Gene Name	ADM
UniProt Synonym Gene Names	AM; AM; PAMP; ProAM-N20

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/adm-antibody-flow-cytometry-western-blot-elisa/286814>