www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-Adrenomedullin Antibody

Product Details

Available Variants	100 uL (SKU:ABS 027-01-010) 400 uL (SKU:ABS 027-01-04) 1000 uL (SKU:ABS 027-01-1)
Conjugate	Unconjugated
Isotype	IgG1/k
Clone	1
Gene Name	ADM
Host Species	Mouse
Concentration	1 mg/mL ±15%
Format	Protein A or Protein G purified
Physical State	Liquid
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
Production Notes	BSA free
Applications	ELISA, WB
Species Reactivity	Human
Immunogen	Synthetic human adrenomedullin 1-52
Specificity	ABS 027-01 binds human adrenomedullin and shows no cross-reaction with CGRP. The epitope of ABS 027-01 lies within residues 22-52.
Molecular Weight	21 kDa (preproadrenomedullin), 6 kDa (mature peptide)
Storage	2-8°C without exposure to light
UniProt ID	P35318 UniProt Summary: Adrenomedullin/ADM and proadrenomedullin N-20 terminal peptide/PAMP are peptide hormones that act as potent hypotensive and vasodilatator agents (PubMed:8387282, PubMed:9620797). Numerous actions have been reported most related to the physiologic control of fluid and

	electrolyte homeostasis. In the kidney, ADM is diuretic and natriuretic, and both ADM and PAMP inhibit aldosterone secretion by direct adrenal actions. In pituitary gland, both peptides at physiologically relevant doses inhibit basal ACTH secretion. Both peptides appear to act in brain and pituitary gland to facilitate the loss of plasma volume, actions which complement their hypotensive effects in blood vessels. {ECO:0000269|PubMed:8387282, ECO:0000269|PubMed:9620797}.; [Adrenomedullin]: Peptide hormone that act as potent hypotensive and vasodilatator agents (PubMed:8387282). ADM function is mediated by the CALCRL-RAMP2 and CALCRL-RAMP3 receptor complexes with ADM showing the highest potency for the CALCRL-RAMP2 complex (PubMed:32296767, PubMed:9620797). {ECO:0000269|PubMed:32296767, ECO:0000269|PubMed:8387282, ECO:0000269|PubMed:9620797}.; [Proadrenomedullin N-20 terminal peptide]: Peptide hormone that act as potent hypotensive and vasodilatator agents by inhibiting catecholamine secretion from sympathetic nerve endings and adrenal chromaffin cells (PubMed:10588445, PubMed:9578982). Acts as a ligand for MRGPRX2 receptor in mast cells (PubMed:15823563). {ECO:0000269|PubMed:15823563, ECO:0000303|PubMed:10588445, ECO:0000303|PubMed:9578982}.; [Proadrenomedullin 9-20 terminal peptide]: Peptide hormone that act as potent hypotensive and vasodilatator agents by inhibiting catecholamine secretion from sympathetic nerve endings and adrenal chromaffin cells (PubMed:10588445, PubMed:9578982). Acts as a ligand for MRGPRX2 receptor in mast cells (PubMed:15823563, PubMed:34789875). {ECO:0000269|PubMed:15823563, ECO:0000269|PubMed:34789875, ECO:0000303|PubMed:10588445, ECO:0000303|PubMed:9578982}.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	133

Product Images



Anti-Adrenomedullin Antibody