

Mouse ANP Monoclonal Antibody | anti-ANP antibody

ANP antibody

CATALOG # AAA74337	HOST Mouse	APPLICATIONS immunoassay, Radioimmunoassay, Immunohistochemistry
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PRODUCT SYNONYMS

ANP; Monoclonal Antibody; ANP antibody; Monoclonal ANP; Anti-ANP; Atrial Natriuretic Peptide; anti-ANP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	M622709
Specificity	Human
Purity/Purification	ANP antibody was purified by affinity chromatography.
Form/Format	Liquid in 0.02M phosphate buffered saline, 0.25M NaCl, pH 7.6, containing 0.1% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	153
Applicable Applications for anti-ANP antibody	RIA (Radioimmunoassay), IHC (Immunohistochemistry)
Cross Reactivity	Human. Reactivity with other species has not been determined.
Biological Significance	Atrial natriuretic peptide (ANP) is a powerful vasodilator, and a protein (polypeptide) hormone secreted by heart muscle cells. It is involved in the homeostatic control of body water, sodium, potassium and fat (adipose tissue). It is released by muscle cells in the upper chambers (atria) of the heart (atrial myocytes), in response to high blood pressure.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Immunogen	ANP/BSA conjugate
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-ANP antibody	Mouse monoclonal ANP antibody
Product Categories/Family for anti-ANP antibody	Cardiac Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723299
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NCBI GeneID	100034201
NCBI Accession #	NP_001075970.1
NCBI GenBank Nucleotide #	NM_001082501.2
UniProt Accession #	P27104
NCBI Official Full Name	natriuretic peptides A preproprotein
NCBI Official Symbol	NPPA
NCBI Protein Information	natriuretic peptides A
UniProt Protein Name	Natriuretic peptides A
UniProt Gene Name	NPPA
UniProt Synonym Gene Names	ANF; ANP
UniProt Entry Name	ANF_HORSE

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://stage.aaabiotech.com/monoclonal/anp-antibody-clone-m622709-radioimmunoassay-immunohistochemistry-elisa/74337>