

Rabbit anti-Human, mouse NPPA Polyclonal Antibody | anti-NPPA antibody

NPPA Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285337	Rabbit	Human, mouse	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

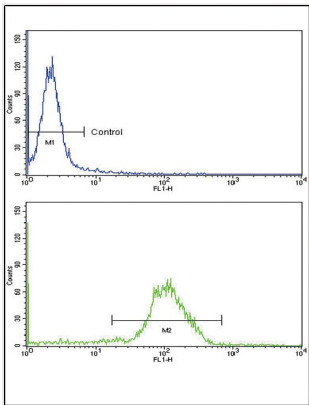
PRODUCT SYNONYMS

NPPA; Polyclonal Antibody; NPPA Antibody (N-term); Natriuretic peptides A; CDD-ANF; Prepronatriodilatin; Cardiodilatin-related peptide; CDP; Atrial natriuretic factor; ANF; Atrial natriuretic peptide; ANP; PND; anti-NPPA antibody

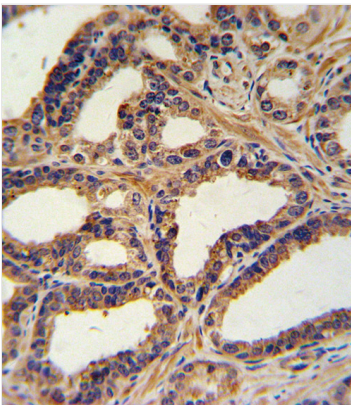
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NPPA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-56 amino acids from the N-terminal region of human NPPA.
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: 0.5 (varies by lot)
Sequence Positions	30-56
Sequence Length	153
Applicable Applications for anti-NPPA antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
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.

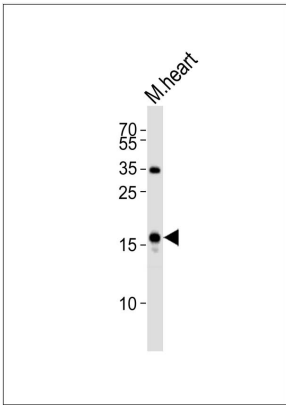
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of MDA-231 cells using NPPA Antibody (N-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma with NPPA Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of lysate from mouse heart tissue, using NPPA Antibody (N-term). AAA285337 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-NPPA antibody	NPPA belongs to the natriuretic peptide family. Natriuretic peptides are implicated in the control of extracellular fluid volume and electrolyte homeostasis. This protein is synthesized as a large precursor(containing a signal peptide), which is processed to release a peptide from the N-terminus with similarity to vasoactive peptide, cardiodilatin, and another peptide from the C-terminus with natriuretic-diuretic activity.
Product Categories/Family for anti-NPPA antibody	Cardiovascular; Signal Transduction
References	Watanabe,Y., et.al., Biochem. Mol. Med. 61 (1), 47-51 (1997) Suga,S., et.al., Endocrinology 130 (1), 229-239 (1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	23510319
NCBI GeneID	4878
NCBI Accession #	NP_006163.1
NCBI GenBank Nucleotide #	NM_006172.3
UniProt Accession #	P01160 ; Q13766 ; Q5JZE1

Molecular Weight	16708
NCBI Official Full Name	natriuretic peptides A preproprotein
NCBI Official Synonym Full Names	natriuretic peptide A
NCBI Official Symbol	NPPA
NCBI Official Synonym Symbols	ANF; ANP; CDD; CDP; PND; ATFB6; ATRST2; CDD-ANF
NCBI Protein Information	natriuretic peptides A
UniProt Protein Name	Natriuretic peptides A
UniProt Gene Name	NPPA
UniProt Synonym Gene Names	ANP; PND; CDD; CDP; ANF; ANP
UniProt Entry Name	ANF_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://stage.aaabiotech.com/polyclonal/nppa-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/285337>