

NPPA Antibody

Catalog No: #AB32338



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Description

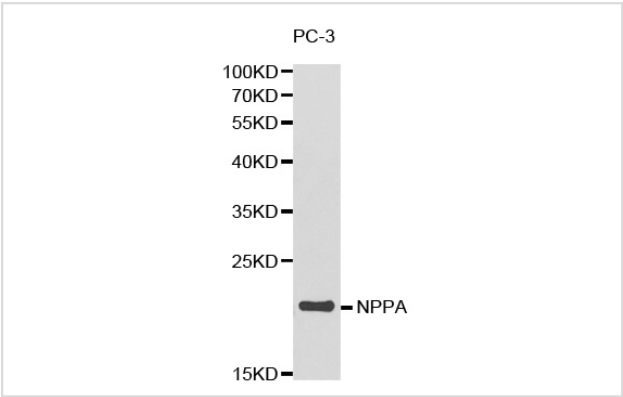
Product Name	NPPA Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total NPPA protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NPPA.
Target Name	NPPA
Other Names	ANF; ANP; PND; ATFB6; CDD-ANF
Accession No.	Swiss-Prot:P01160NCBI Gene ID:4878
SDS-PAGE MW	17KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

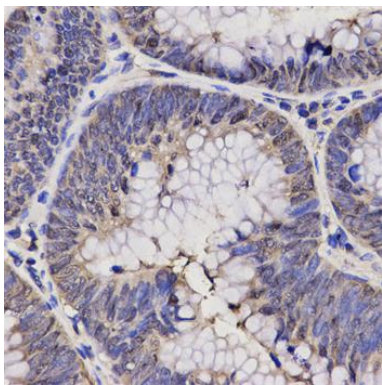
Western blotting: 1:500 - 1:2000

Immunohistochemistry: 1:50 - 1:100

Images



Western blot analysis of extracts of PC-3 cell lines, using NPPA antibody.



Immunohistochemistry of paraffin-embedded human rectal cancer using NPPA antibody at dilution of 1:200 (x400 lens).

Background

The protein encoded by this gene 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. Mutations in this gene have been associated with atrial fibrillation familial type 6.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.