

Datasheet for ABIN3022234
anti-NPPA antibody (AA 26-151)[Go to Product page](#)

7 Images

1 Publication

Overview

Quantity:	100 µL
Target:	NPPA
Binding Specificity:	AA 26-151
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NPPA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 26-151 of human NPPA (NP_006163.1).
Sequence:	NPMYNAVSNA DLMDFKNLLD HLEEKMPLED EVVPPQVLSE PNEEAGAALS PLPEVPPWTG EVSPAQRDGG ALGRGPWDSS DRSALLKSKL RALLTAPRSL RRSSCFGGRM DRIGAQSGLG CNSFRY
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Polyclonal Antibodies

Target Details

Target:	NPPA
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Target Details

Alternative Name:	NPPA (NPPA Products)
Background:	<p>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. This gene is located adjacent to another member of the natriuretic family of peptides on chromosome</p> <p>1.,NPPA,ANF,ANP,ATFB6,ATRST2,CDD,CDD-ANF,CDP,PND,NPPA,Signal Transduction,Cell Biology & Developmental Biology,Growth factor,Cardiovascular,Blood,Blood Pressure regulation,Heart,Hypertrophy,NPPA</p>
Molecular Weight:	16 kDa
Gene ID:	4878
UniProt:	P01160

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

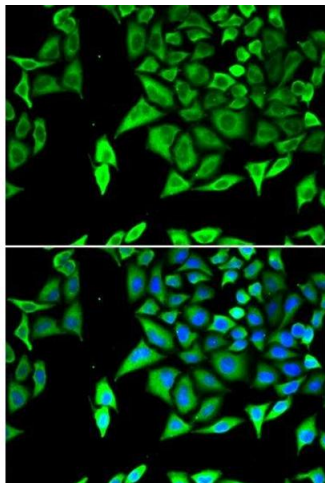
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Publications

Product cited in:	Zhou, Jiang, Dong, Yan, You, Su, Gong: "The proteins interacting with C-terminal of μ receptor
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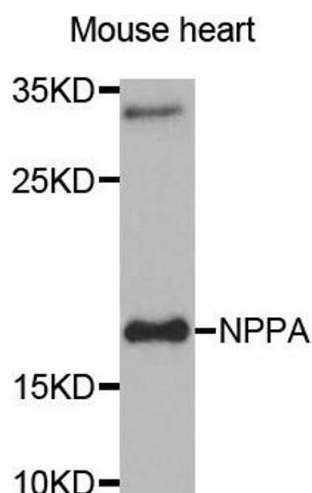
are identified by bacterial two-hybrid system from brain cDNA library in morphine-dependent rats." in: **Life sciences**, Vol. 143, pp. 156-67, (2016) ([PubMed](#)).

Images



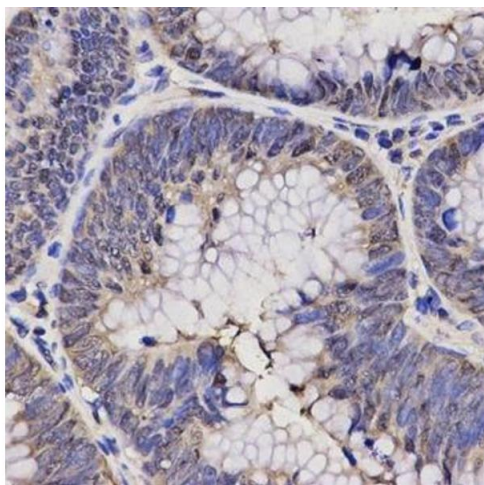
Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using NPPA antibody.



Western Blotting

Image 2.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human rectal cancer using NPPA antibody at dilution of 1:200 (x400 lens).

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN3022234.