

Rabbit NPPB Polyclonal Antibody | anti-NPPB antibody

NPPB antibody

CATALOG # AAA305803	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	--	---

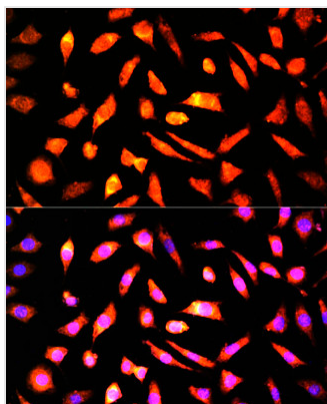
PRODUCT SYNONYMS

NPPB; Polyclonal Antibody; NPPB antibody; BNP; Gamma-brain natriuretic peptide; anti-NPPB antibody

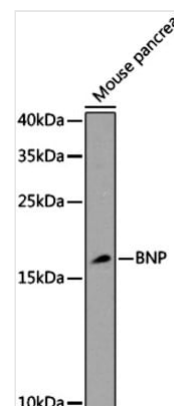
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total NPPB antibody.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	134
Applicable Applications for anti-NPPB antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human NPPB.
Target Name	NPPB
Preparation and Storage	Store at -20 degree C

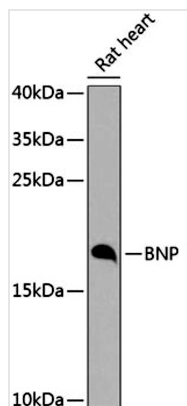
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using BNP at dilution of 1:100. Blue: DAPI for nuclear staining

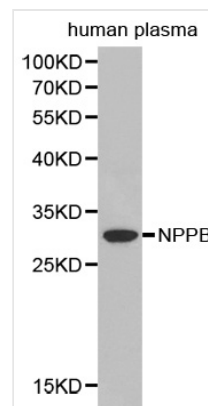

WB (Western Blot)

Western blot analysis of extracts of mouse pancreas, using BNP at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of rat heart, using BNP at 1:1000 dilution



WB (Western Blot)

Western blot analysis of extracts of human plasma cell lines, using NPPB antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NPPB antibody	B-type natriuretic peptide (BNP) is a cardiac neurohormone specifically secreted from the ventricles in response to volume expansion and pressure overload (1). The actions of BNP include natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. It is also found to help restore the body's salt and water balance and improve heart function (2). BNP is co-secreted along with a biologically inactive N-terminal fragment (NT-proBNP). Circulating BNP and NT-proBNP provide important information on cardiac dysfunction, hypervolemia, and risk in patients with severe impairment of kidney function (3).
Product Categories/Family for anti-NPPB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505433
NCBI GeneID	4879
NCBI Accession #	NP_002512.1
NCBI GenBank Nucleotide #	NM_002521.2
UniProt Accession #	P16860; Q6FGY0; Q9P2Q7; B0ZBE9
Molecular Weight	SDS-PAGE MW: 15kd
NCBI Official Full Name	natriuretic peptides B preproprotein
NCBI Official Synonym Full Names	natriuretic peptide B
NCBI Official Symbol	NPPB
NCBI Official Synonym Symbols	BNP
NCBI Protein Information	natriuretic peptides B
UniProt Protein Name	Natriuretic peptides B
UniProt Gene Name	NPPB
UniProt Synonym Gene Names	BNP(1-32); BNP-32
UniProt Entry Name	ANFB_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.