

Rabbit NPPB Polyclonal Antibody | anti-NPPB antibody

NPPB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326657	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

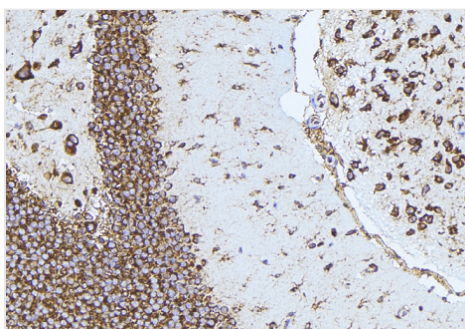
PRODUCT SYNONYMS

NPPB; Polyclonal Antibody; NPPB Antibody; ANFB_HUMAN; BNP; BNP(1-32); BNP(5-29); BNP-32; Brain type natriuretic peptide; Gamma brain natriuretic peptide; Gamma-brain natriuretic peptide; Natriuretic peptide precursor B; nppb; NT proBNP; anti-NPPB antibody

PRODUCT SPECIFICATIONS

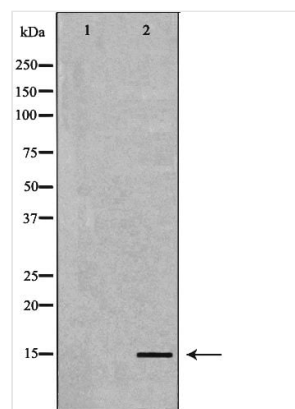
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	NPPB Antibody detects endogenous levels of total NPPB.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NPPB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NPPB, corresponding to a region within the internal amino acids.
Preparation and Storage	store at -20 °C.

IMAGES



IHC (Immunohistochemistry)

AAA326657 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts of human plasma, using NPPB antibody. The lane on the left is treated with the antigen-specific peptide.

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).
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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	15kDa
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nppb-antibody-immunohistochemistry-western-blot-elisa/326657>