

NPPB polyclonal antibody

Catalog # PAB14043 Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NPPB.
Immunogen	A synthetic peptide (conjugated with bovine thyroglobulin) corresponding to human NPPB.
Host	Rabbit
Reactivity	Human, Rat
Specificity	Specific for human and rat Brain Natriuretic Peptide (BNP).
Form	Lyophilized
Recommend Usage	Immunofluorescence (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized antiserum
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 0.1 mL PBS containing 10 mg/mL BSA, store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Immunohistochemistry
- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Radioimmunoassay

Gene Info — NPPB

Entrez GeneID	4879
Gene Name	NPPB
Gene Alias	BNP
Gene Description	natriuretic peptide precursor B
Omim ID	600295
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the natriuretic peptide family and encodes a secreted protein which functions as a cardiac hormone. The protein undergoes two cleavage events, one within the cell and a second after secretion into the blood. The protein's biological actions include natriuresis, diuresis, vasorelaxation, inhibition of renin and aldosterone secretion, and a key role in cardiovascular homeostasis. A high concentration of this protein in the bloodstream is indicative of heart failure. Mutations in this gene have been associated with postmenopausal osteoporosis. [provided by RefSeq]
Other Designations	OTTHUMP00000002506 OTTHUMP00000044486 brain type natriuretic peptide natriuretic protein

Pathway

- [Vascular smooth muscle contraction](#)

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Failure](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Insulin Resistance](#)
- [Kidney Diseases](#)
- [Liver Cirrhosis](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Renal Artery Obstruction](#)
- [Ventricular Dysfunction](#)