

DNAxPAb

Hard-to-Find
Antibody

NPPB DNAxPab

Catalog # H00004879-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NPPB DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDPQTAPSRALLLLFLHLAFLGGRSHPLGSPGSASDLETSGLQEQRNHLQGKLSELQVEQTSL EPLQESPRPTGVWKSREVATEGIRGHRKMVLYTLRAPRSPKMVQGSGCFGRKMDRISSSSGLG CKVLRRH
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — NPPB

Entrez GeneID [4879](#)

GeneBank Accession# [NM_002521.2](#)

Protein Accession# [NP_002512.1](#)

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](#)