

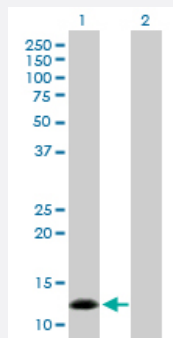
MaxPab®

NPPB purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004879-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NPPB expression in transfected 293T cell line ([H00004879-T01](#)) by NPPB MaxPab polyclonal antibody.

Lane 1: NPPB transfected lysate(14.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human NPPB protein.
Immunogen	NPPB (NP_002512.1, 1 a.a. ~ 134 a.a) full-length human protein.
Sequence	MDPQTAPSRALLLLFLHLAFLGGRSHPLGSPGSASDLETSGLQEQRNHLQGKLSELQVEQTSL EPLQESPRPTGVWKSREVATEGIRGHRKMLVYTLRAPRSPKMVQSGGCFGRKMDRISSSSLG CKVLRRH
Host	Rabbit
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — NPPB

Entrez GeneID [4879](#)

GeneBank Accession# [NM_002521](#)

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](#)