

RecomAb™

NPPA recombinant monoclonal antibody, clone 2E3

Catalog # RAB04375 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NPPA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human NPPA.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — NPPA

Entrez GeneID [4878](#)

Protein Accession#	P01160
Gene Name	NPPA
Gene Alias	ANF, ANP, ATFB6, CDD-ANF, PND
Gene Description	natriuretic peptide precursor A
Omim ID	108780
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the natriuretic peptide family. Natriuretic peptides are implicated in the control of extracellular fluid volume and electrolyte homeostasis. This protein is synthesized as a large precursor (containing a signal peptide), which is processed to release a peptide from the N-terminus with similarity to vasoactive peptide, cardiodilatin, and another peptide from the C-terminus with natriuretic-diuretic activity. Mutations in this gene have been associated with atrial fibrillation familial type 6. [provided by RefSeq]
Other Designations	OTTHUMP00000002504 OTTHUMP00000044485 atrial natriuretic peptide natriuretic peptide precursor A variant 2 pronatriodilatin

Pathway

- [Vascular smooth muscle contraction](#)

Disease

- [Albuminuria](#)
- [Amyotrophic lateral sclerosis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cerebral Palsy](#)

- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chorioamnionitis](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Gastroschisis](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Glomerulonephritis](#)
- [Glucose Intolerance](#)
- [Heart Defects](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Limb Deformities](#)
- [Liver Cirrhosis](#)

- [Mental Disorders](#)
- [Migraine Disorders](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Proteinuria](#)
- [Recurrence](#)
- [Stroke](#)
- [Ventricular Dysfunction](#)
- [Werner syndrome](#)