

# Immunotag™ NPPA Antibody

Antibody Specification	
Catalog No.	ITA6577
Product Description	Immunotag™ NPPA Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	NPPA
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human NPPA
Specificity	NPPA Antibody detects endogenous levels of total NPPA
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	NPPA
Accession No.	P01160
Alternate Names	ANF; ANF_HUMAN; ANP; ATRFB6; Atrial natriuretic factor; Atrial natriuretic peptide; Atriopeptin; Cardiodilatin; Cardiodilatin-related peptide; Cardionatrin; CDD ANF; CDD; CDD-ANF; CDP; Natriuretic peptide A; Natriuretic peptide precursor A; NPPA; PND; Prepronatriodilatin;

## Antibody Specification

Description	Hormone playing a key role in cardiovascular homeostasis through regulation of natriuresis, diuresis, and vasodilation. Also plays a role in female pregnancy by promoting trophoblast invasion and spiral artery remodeling in uterus. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	17kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.