



Anti-NPPA (full length) polyclonal antibody (DPAB-DC2048)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	NPPA (AAH05893, 1 a.a. ~ 153 a.a) full-length recombinant protein with GST tag. The sequence is MSSFSTTTVSFLLLLAFQLLGQTRANPMYNAVSNADLMDFKNLLDHLEEKMPLEDEVVPP QVLSEPNEEAGAALSPLPEVPPWTGEVSPAQRDGGALGRGPWDSSDRSALLKSKLRALLT APRSLRRSSCFGGRMDGIGAQSGLGCNSFRYRR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	NPPA natriuretic peptide A [Homo sapiens (human)]
Official Symbol	NPPA
Synonyms	NPPA; natriuretic peptide A; ANF; ANP; PND; ATFB6; ATRST2; CDD-ANF; natriuretic peptides A; atriopeptin; cardionatrin; prepronatriodilatin; natriuretic peptide precursor A;
Entrez Gene ID	4878
Protein Refseq	NP_006163
UniProt ID	P01160
Chromosome Location	1p36.21
Pathway	Amyloids; Gene Expression; HIF-1 signaling pathway; YAP1- and WWTR1 (TAZ)-stimulated gene expression
Function	hormone activity; peptide hormone receptor binding; receptor binding;