

Rabbit anti-Human NPPC Polyclonal Antibody | anti-NPPC antibody

NPPC Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284868	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

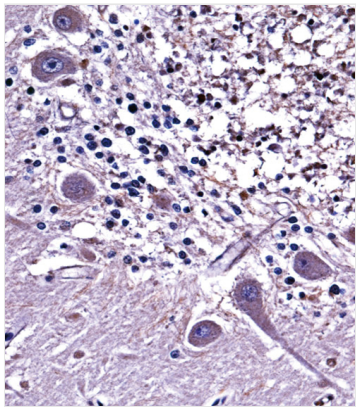
PRODUCT SYNONYMS

NPPC; Polyclonal Antibody; NPPC Antibody (C-term); C-type natriuretic peptide; CNP-22; CNP-29; CNP-53; CNP2; anti-NPPC antibody

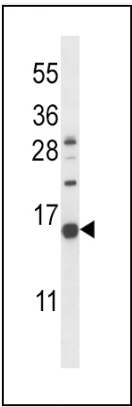
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NPPC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 80-109 amino acids from the C-terminal region of human NPPC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	80-109
Sequence Length	126
Applicable Applications for anti-NPPC antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
NPPC Antibody (C-term) (AAA284868)immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of NPPC Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
NPPC Antibody (C-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the NPPC antibody detected the NPPC protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NPPC antibody	Natriuretic peptides comprise a family of 3 structurally related molecules: atrial natriuretic peptide (ANP; MIM 108780), brain natriuretic peptide (BNP; MIM 600295), and C-type natriuretic peptide, CNP, encoded by a gene symbolized NPPC. These peptides possess potent natriuretic, diuretic, and vasodilating activities and are implicated in body fluid homeostasis and blood pressure control.
Product Categories/Family for anti-NPPC antibody	Cancer; Cardiovascular; Metabolism; Signal transduction
References	Lippert, S.K., et al. J. Immunol. Methods 362 (1-2), 32-37 (2010) : Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Saus, E., et al. J Psychiatr Res 44(14):971-978(2010) Wang, Y., et al. J. Cardiovasc. Pharmacol. 55(1):62-66(2010) Cammarata, P.R., et al. Mol. Vis. 16, 630-638 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	13249346
NCBI GeneID	4880
NCBI Accession #	NP_077720.1
NCBI GenBank Nucleotide #	NM_024409.2
UniProt Accession #	P23582; Q4ZG41
Molecular Weight	13246
NCBI Official Full Name	C-type natriuretic peptide
NCBI Official Synonym Full Names	natriuretic peptide C
NCBI Official Symbol	NPPC
NCBI Official Synonym Symbols	CNP; CNP2
NCBI Protein Information	C-type natriuretic peptide
UniProt Protein Name	C-type natriuretic peptide

UniProt Gene Name	NPPC
UniProt Synonym Gene Names	CNP2
UniProt Entry Name	ANFC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/nppc-antibody-immunohistochemistry-western-blot-elisa/284868>