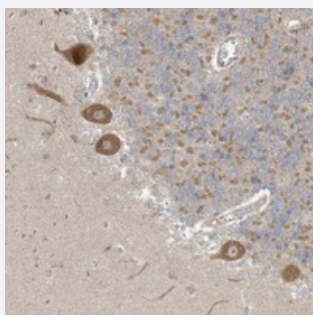


NPPC polyclonal antibody

Catalog # PAB22868 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum with NPPC polyclonal antibody (Cat # PAB22868) shows moderate cytoplasmic positivity in Purkinje cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant NPPC.
Immunogen	Recombinant protein corresponding to amino acids of human NPPC.
Sequence	PKVPRTPPAEELAEPQAAGGGQKKGDKAPGGGGANLKGDRSRLLRDLRVDTKSRAAWARLLQ EHPNARKYKGANKKGLSKGCFGLKLDRIGSMSGLGC
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — NPPC

Entrez GeneID [4880](#)

Protein Accession# [P23582](#)

Gene Name NPPC

Gene Alias CNP

Gene Description natriuretic peptide precursor C

Omim ID [600296](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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.[supplied by OMIM]

Other Designations -

Pathway

- [Vascular smooth muscle contraction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Ventricular Dysfunction](#)