

Datasheet for ABIN7428743
anti-NPPB antibody (AA 27-121)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	NPPB
Binding Specificity:	AA 27-121
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NPPB antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Natriuretic Peptide Precursor B (NPPB)
Immunogen:	Recombinant Natriuretic Peptide Precursor B (NPPB) corresponding to Tyr27~Leu121 with N-terminal His Tag
Clone:	C10
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against NPPB. It has been selected for its ability to recognize NPPB in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

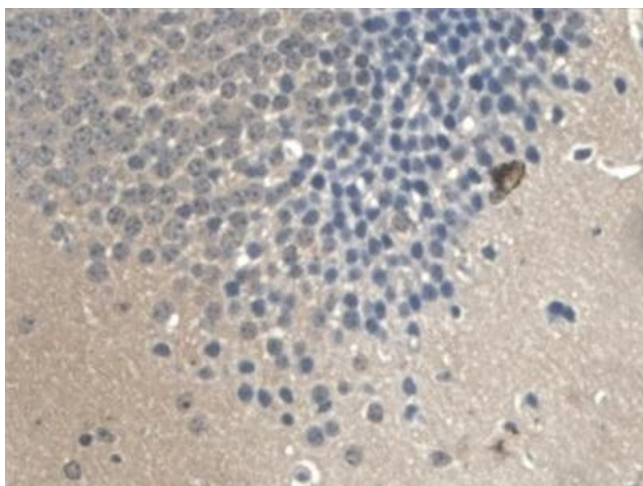
Target:	NPPB
Alternative Name:	Natriuretic Peptide Precursor B (NPPB Products)
Pathways:	Hormone Activity

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of NPPB in Mouse Cerebrum Tissue using Monoclonal Antibody to Natriuretic Peptide Precursor B (NPPB)