

Datasheet for ABIN7429241
anti-BNP antibody (AA 77-121)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	BNP
Binding Specificity:	AA 77-121
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BNP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Brain Natriuretic Peptide (BNP)
Immunogen:	Recombinant Brain Natriuretic Peptide (BNP) corresponding to Ser77~Leu121 with Two N-terminal Tags, His-tag and SUMO-tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against BNP. It has been selected for its ability to recognize BNP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

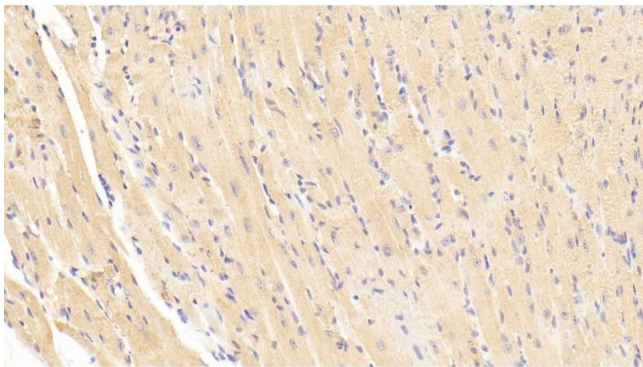
Target:	BNP
Alternative Name:	Brain Natriuretic Peptide (BNP Products)
Background:	GC-B, B-Type Natriuretic Peptide, Ventricular Natriuretic Peptide, Gamma-brain natriuretic peptide, Brain natriuretic peptide 32
Pathways:	Hormone Activity

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

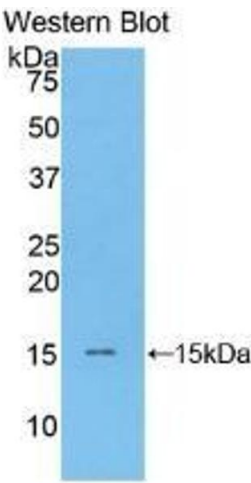
Handling

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



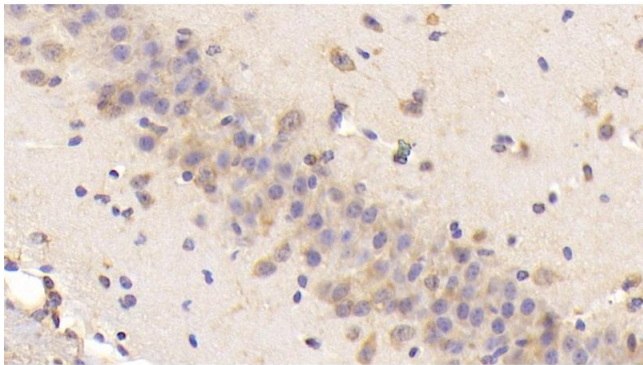
Immunohistochemistry

Image 1. Detection of BNP in Mouse Cardiac Muscle Tissue using Polyclonal Antibody to Brain Natriuretic Peptide (BNP)



Western Blotting

Image 2. Detection of Recombinant BNP, Mouse using Polyclonal Antibody to Brain Natriuretic Peptide (BNP)



Immunohistochemistry

Image 3. Detection of BNP in Mouse Cerebrum Tissue using Polyclonal Antibody to Brain Natriuretic Peptide (BNP)