

Datasheet for ABIN7427921  
**anti-BNP antibody (AA 77-121)**[Go to Product page](#)

## 1 Image

## Overview

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

## Product Details

Purpose:	Monoclonal 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
Clone:	C10
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal 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:	Protein A + Protein G affinity chromatography

## Target Details

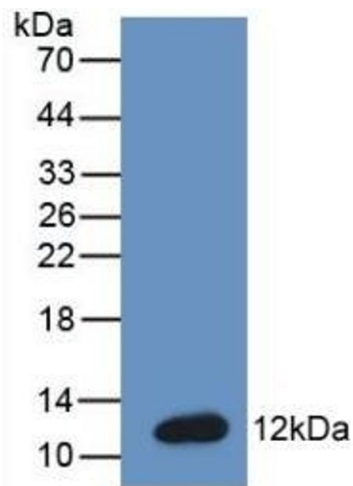
Target:	BNP
Alternative Name:	Brain Natriuretic Peptide ( <a href="#">BNP Products</a> )
Background:	GC-B, B-Type Natriuretic Peptide, Ventricular Natriuretic Peptide, Gamma-brain natriuretic peptide, Brain natriuretic peptide 32
Pathways:	<a href="#">Hormone Activity</a>

## 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:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



Western Blotting

**Image 1.** Detection of Recombinant BNP, Mouse using Monoclonal Antibody to Brain Natriuretic Peptide (BNP)