

Datasheet for ABIN7428461
anti-NT-ProBNP antibody (AA 27-102)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	NT-ProBNP
Binding Specificity:	AA 27-102
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NT-ProBNP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP)
Immunogen:	Recombinant N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP) corresponding to His27~Arg102 with N-terminal His Tag
Clone:	D3
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against NT-ProBNP. It has been selected for its ability to recognize NT-ProBNP in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

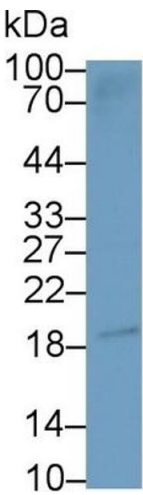
Target:	NT-ProBNP
Alternative Name:	N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP Products)
Background:	NT-Pro-BNP , , N-BNP

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

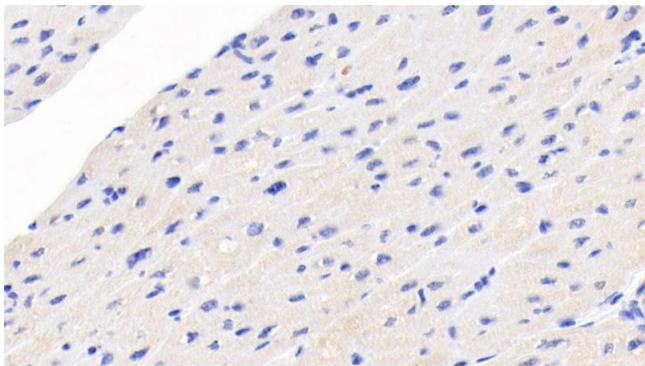
Handling

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



Western Blotting

Image 1. Detection of NT-ProBNP in SW480 cell lysate using Monoclonal Antibody to N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP)



Immunohistochemistry

Image 2. Detection of NT-ProBNP in Human Cardiac Muscle Tissue using Monoclonal Antibody to N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP)