

Datasheet for ABIN3201420
anti-BNP antibody (AA 27-134)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	BNP
Binding Specificity:	AA 27-134
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Brain Natriuretic Peptide (BNP)
Immunogen:	OVA Conjugated Brain Natriuretic Peptide (BNP)
Sequence:	MGHHHHHHSG SEF-HPLG SPGSASDLET SGLQEQRNHL QGKLSELQVE QTSLEPLQES PRPTGVWKS R EVATEGIRGH RKMVLYTLRA PRSPKMVQGS GCFGRKMDRI SSSSGLGCKV LRRH
Clone:	C3
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:	Mouse, Rat
Purification:	Protein A + Protein G 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 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 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

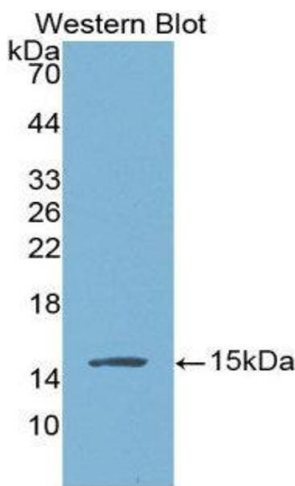
Format:	Liquid
Concentration:	Lot specific
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze/thaw cycles
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

Handling

detectable loss of activity. Avoid repeated freeze-thaw cycles.

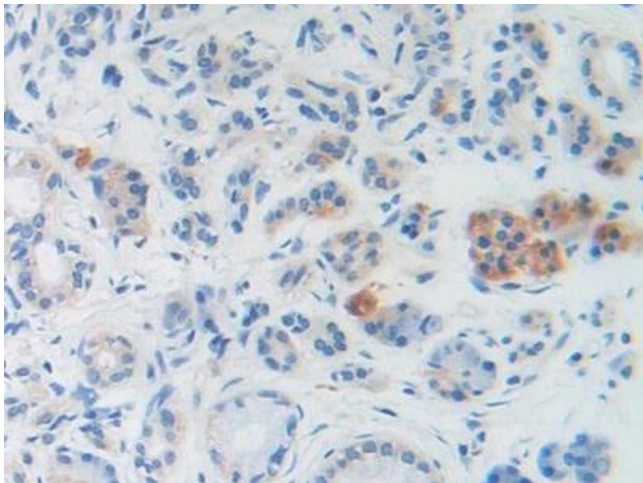
Expiry Date: 24 months

Images



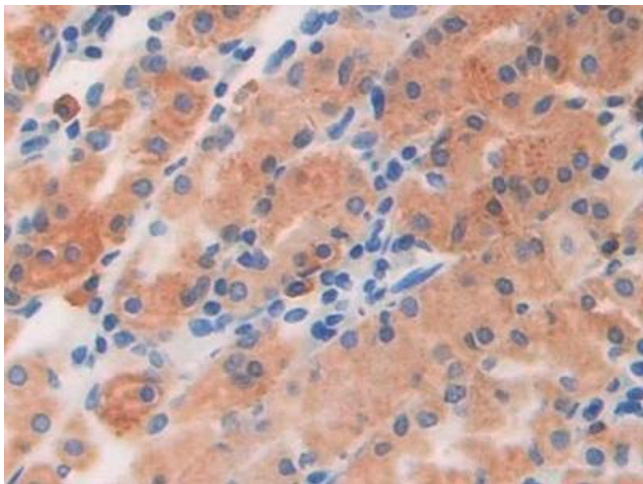
Western Blotting

Image 1.



Immunohistochemistry

Image 2. DAB staining on IHC-P; Samples: Human Stomach Tissue



Immunohistochemistry

Image 3. DAB staining on IHC-P; Samples: Human Stomach Tissue