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Datasheet for ABIN7429247
anti-BNP antibody (AA 18-106)

1 Image

Overview

Quantity:	100 µL
Target:	BNP
Binding Specificity:	AA 18-106
Reactivity:	Dog
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 His18~Arg106 (Accession # P16859) with N-terminal His and GST 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.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	BNP
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Target Details

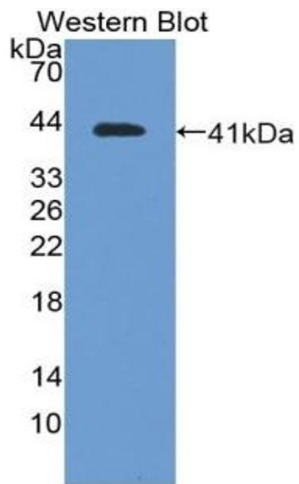
Alternative Name:	Brain Natriuretic Peptide (BNP Products)
Background:	GC-B, B-Type Natriuretic Peptide, Ventricular Natriuretic Peptide, Gamma-brain natriuretic peptide, Brain natriuretic peptide 32
Pathways:	Hormone Activity

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:450-1800 Immunohistochemistry: 5-20 µg/mL 1:45-180 Immunocytochemistry: 5-20 µg/mL 1:45-180 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 Recombinant BNP, Canine using Polyclonal Antibody to Brain Natriuretic Peptide (BNP)