

Datasheet for ABIN7440980
anti-Apelin antibody (AA 23-77)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Apelin (APLN)
Binding Specificity:	AA 23-77
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Apelin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Apelin (APLN)
Immunogen:	Recombinant Apelin (APLN) corresponding to Val23~Phe77 with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against APLN. It has been selected for its ability to recognize APLN in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Apelin (APLN)
---------	---------------

Target Details

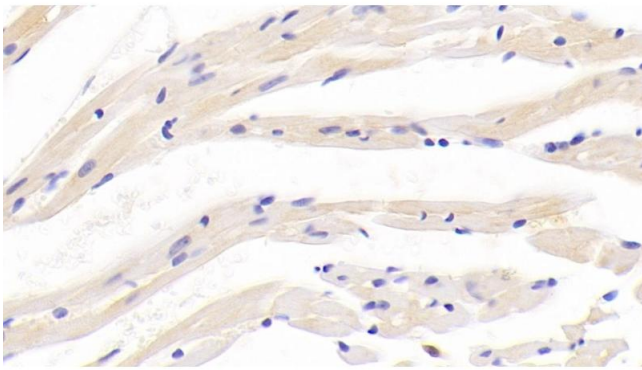
Alternative Name:	Apelin (APLN Products)
Background:	XNPEP2, APEL, APJ endogenous ligand
Pathways:	Positive Regulation of Peptide Hormone Secretion , Hormone Activity , Feeding Behaviour

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

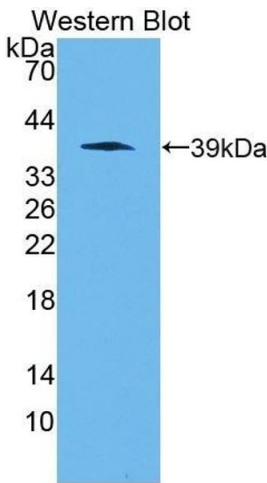
Handling

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



Immunohistochemistry

Image 1. Detection of APLN in Mouse Cardiac Muscle Tissue using Polyclonal Antibody to Apelin (APLN)



Western Blotting

Image 2. Detection of Recombinant APLN, Mouse using Polyclonal Antibody to Apelin (APLN)