

Datasheet for ABIN7444073
anti-Corin antibody (AA 807-1038)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	Corin (CORIN)
Binding Specificity:	AA 807-1038
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Corin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Corin (CRN)
Immunogen:	Recombinant Corin (CRN) corresponding to Thr807~Thr1038 (Accession # Q9Y5Q5) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CRN. It has been selected for its ability to recognize CRN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

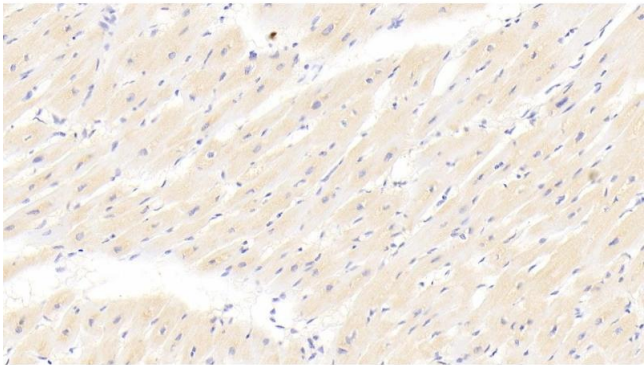
Target:	Corin (CORIN)
Alternative Name:	Corin (CORIN Products)
Background:	ATC2, CRN, Lrp4, TMPRSS10, Atrial Natriuretic Peptide-Converting Enzyme, Serine Protease, Heart-specific serine proteinase ATC2, Pro-ANP-converting enzyme
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:400-1600 Immunohistochemistry: 5-20 µg/mL 1:40-160 Immunocytochemistry: 5-20 µg/mL 1:40-160 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

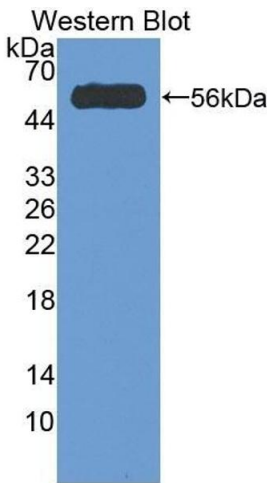
Handling

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 CRN in Human Cardiac Muscle Tissue using Polyclonal Antibody to Corin (CRN)



Western Blotting

Image 2. Detection of Recombinant CRN, Human using Polyclonal Antibody to Corin (CRN)