

Datasheet for ABIN541079
anti-Corin antibody (AA 300-450)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µg
Target:	Corin (CORIN)
Binding Specificity:	AA 300-450
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Corin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), ELISA

Product Details

Purpose:	Rabbit polyclonal antibody raised against synthetic peptide of Corin.
Immunogen:	A synthetic peptide corresponding to amino acids 300-450 of mouse Corin.
Specificity:	This antibody recognizes ~120 KDa of mouse Corin.
Cross-Reactivity:	Mouse
Characteristics:	Antibody Reactive Against Synthetic Peptide.

Target Details

Target:	Corin (CORIN)
Alternative Name:	CORIN (CORIN Products)
Gene ID:	53419

Target Details

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#)

Application Details

Application Notes: Western Blot (0.1-1 µg/mL)
ELISA (0.01-0.1 µg/mL)
Immunoprecipitation (2-5 µg/mL)
Immunohistochemistry (0.5-2 µg/mL)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In TBS, pH 7.2 (BSA, 10 % Proclin300)

Preservative: ProClin

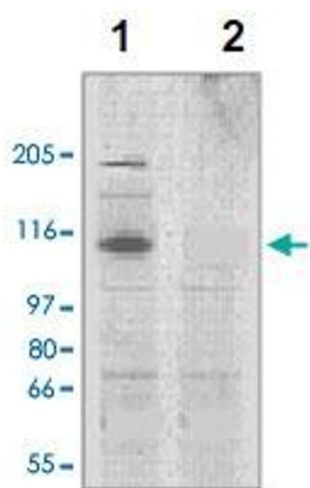
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C. For long term storage store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Gladysheva, Robinson, HOUNG, Kováts, King: "Corin is co-expressed with pro-ANP and localized on the cardiomyocyte surface in both zymogen and catalytically active forms." in: **Journal of molecular and cellular cardiology**, Vol. 44, Issue 1, pp. 131-42, (2007) ([PubMed](#)).



Western Blotting

Image 1. The tissue lysates derived from mouse heart (lane 1) or rat heart (lane 2) were immunoprobed by Corin polyclonal antibody at 1 : 500. An immunoreactive band is observed around ~120kDa. A faint band ~ 205 kDa is observed in mouse heart tissue.