

Datasheet for ABIN632093  
**anti-CNN1 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	CNN1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CNN1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Calponin 1 antibody was raised using the N terminal of CNN1 corresponding to a region with amino acids MSSAHFNRPAYGLSAEVKNKLAQKYDHQREQELREWIEGVTGRRIGNNF
Specificity:	Calponin 1 antibody was raised against the N terminal of CNN1
Purification:	Affinity purified

## Target Details

Target:	CNN1
Alternative Name:	Calponin 1 ( <a href="#">CNN1 Products</a> )
Background:	CNN1 is a thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity.

Target Details

Molecular Weight: 33 kDa (MW of target protein)

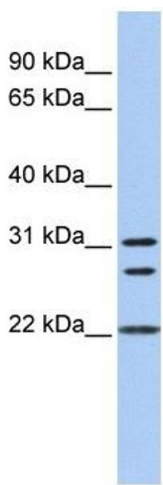
Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Calponin 1 Blocking Peptide, catalog no. 33R-6495, is also available for use as a blocking control in assays to test for specificity of this Calponin 1 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of CNN1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



**Western Blotting**

**Image 1.** Calponin 1 antibody used at 1 ug/ml to detect target protein.