

Datasheet for ABIN1402933  
**anti-CNN2 antibody (AA 118-150) (Biotin)**



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## Overview

|                      |                                                                                    |
|----------------------|------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                             |
| Target:              | CNN2                                                                               |
| Binding Specificity: | AA 118-150                                                                         |
| Reactivity:          | Human, Mouse, Rat                                                                  |
| Host:                | Rabbit                                                                             |
| Clonality:           | Polyclonal                                                                         |
| Conjugate:           | This CNN2 antibody is conjugated to Biotin                                         |
| Application:         | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

## Product Details

|                   |                                                          |
|-------------------|----------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human CNN2 |
| Isotype:          | IgG                                                      |
| Cross-Reactivity: | Human, Mouse, Rat                                        |
| Purification:     | Purified by Protein A.                                   |

## Target Details

|                   |                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CNN2                                                                                                                                                              |
| Alternative Name: | CNN2 ( <a href="#">CNN2 Products</a> )                                                                                                                            |
| Background:       | Synonyms: Calponin-2, Calponin H2, smooth muscle, Neutral calponin, CNN2<br>Background: Thin filament-associated protein that is implicated in the regulation and |

## Target Details

|          |                                                                                                                                                                                                        |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|          | 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. |
| Gene ID: | 1265                                                                                                                                                                                                   |
| UniProt: | <a href="#">Q99439</a>                                                                                                                                                                                 |

## Application Details

|                    |                                  |
|--------------------|----------------------------------|
| Application Notes: | WB 1:300-5000<br>IHC-P 1:200-400 |
| Restrictions:      | For Research Use only            |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C for 12 months.                                                                                      |
| Expiry Date:       | 12 months                                                                                                          |