

Datasheet for ABIN5000455

**anti-CPI-17 antibody (AA 5-100) (AbBy Fluor® 680)**[Go to Product page](#)

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | CPI-17 (PPP1R14A)  |
| Binding Specificity: | AA 5-100   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This CPI-17 antibody is conjugated to AbBy Fluor® 680  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |   |
|-----------------------|---|
| Immunogen:            | KLH conjugated synthetic peptide derived from human CPI17 alpha |
| Isotype:              | IgG   |
| Predicted Reactivity: | Human, Mouse, Cow, Sheep, Pig, Rabbit                           |
| Purification:         | Purified by Protein A.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CPI-17 (PPP1R14A)  |
| Alternative Name: | CPI17 alpha ( <a href="#">PPP1R14A Products</a> )  |
| Background:       | Synonyms: 17 kDa PKC potentiated inhibitory protein of PP1, CPI 17 alpha, CPI 17, CPI 17alpha, |

## Target Details

CPI17, CPI-17, PKC potentiated inhibitory protein of PP1, PPP1INL, PPP1R14A, Protein phosphatase 1, Protein phosphatase 1 regulatory inhibitor subunit 14A, Protein phosphatase 1 regulatory subunit 14A, Regulatory subunit 14A, 17 kDa PKC-potentiated inhibitory protein of PP1, 17-KDa protein, 17 kDa PKC potentiated inhibitory protein of PP1, PKC potentiated inhibitory protein of PP1, PKC potentiated inhibitory protein of PP1, 17-KD, PP14A\_HUMAN, Protein kinase C-potentiated inhibitor of protein phosphatase 1, 17-KD, Protein kinase C-potentiated inhibitor protein of 17 kDa, Protein phosphatase 1, Protein phosphatase 1 regulatory inhibitor subunit 14A, Regulatory subunit 14A.

Background: The protein encoded by this gene belongs to the protein phosphatase 1 (PP1) inhibitor family. This protein is an inhibitor of smooth muscle myosin phosphatase, and has higher inhibitory activity when phosphorylated. Inhibition of myosin phosphatase leads to increased myosin phosphorylation and enhanced smooth muscle contraction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Sep 2011]

Gene ID: 94274

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

## Handling

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Expiry Date: 12 months