



[Go to Product page](#)

Datasheet for ABIN753433  
**anti-CPI-17 antibody (pThr38)**

### Overview

Quantity:	100 µL
Target:	CPI-17 (PPP1R14A)
Binding Specificity:	pThr38
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPI-17 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human CPI17 alpha around the phosphorylation site of Thr38
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat
Purification:	Purified by Protein A.

### Target Details

Target:	CPI-17 (PPP1R14A)
---------	-------------------

## Target Details

---

Alternative Name: CPI17 alpha ([PPP1R14A Products](#))

---

Background: Synonyms: 17 kDa PKC potentiated inhibitory protein of PP1, CPI 17 alpha, CPI 17, CPI 17alpha, 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: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
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: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

---

Preservative: ProClin

---

## Handling

---

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:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months