

## CPI-17 (phospho Thr38) Polyclonal Antibody

Catalog No: #13954



Package Size: #13954-1 50ul #13954-2 100ul

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## Description

Product Name	CPI-17 (phospho Thr38) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-CPI-17 (T38) Polyclonal Antibody detects endogenous levels of CPI-17 protein only when phosphorylated at T38.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human CPI17 alpha around the phosphorylation site of Thr38. AA range:5-54
Other Names	PPP1R14A; CPI17; PPP1INL; Protein phosphatase 1 regulatory subunit 14A; 17 kDa PKC-potentiased inhibitory protein of PP1; Protein kinase C-potentiased inhibitor protein of 17 kDa; CPI-17
Accession No.	Swiss Prot:Q96A00GeneID:94274
Uniprot	Q96A00
GeneID	94274
SDS-PAGE MW	22
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

## Background

protein phosphatase 1 regulatory inhibitor subunit 14A(PPP1R14A) Homo sapiens 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],

Note: This product is for in vitro research use only