

## CPI-17 (phospho-Thr38) Polyclonal Antibody

Catalog No: #13954



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

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	CPI-17 (phospho-Thr38) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB;IHC;IF;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
Conjugates	Unconjugated
Target Name	PPP1R14A
Other Names	PPP1R14A; CPI17; PPP1INL; Protein phosphatase 1 regulatory subunit 14A; 17 kDa PKC-potentiated inhibitory protein of PP1; Protein kinase C-potentiated inhibitor protein of 17 kDa; CPI-17
Accession No.	Swiss Prot:Q96A00GeneID: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

WB 1:500-1:2000; IHC 1:100-1:300; ELISA 1:20000; IF 1:50-200

## 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 and is not intended for use in humans or animals.