## antibodies

Datasheet for ABIN7255175 anti-CPI-17 antibody

Image



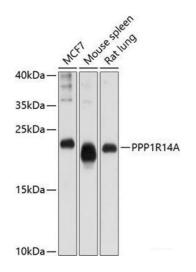
## Overview

Quantity:	200 µL
Target:	CPI-17 (PPP1R14A)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CPI-17 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	Recombinant fusion protein of human PPP1R14A (NP_150281.1).
lsotype:	lgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification
Target Details	
Target:	CPI-17 (PPP1R14A)
Alternative Name:	PPP1R14A (PPP1R14A Products)
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

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Target Details		
	variants encoding different isoforms have been noted for this gene.	
Molecular Weight:	Observed_MW: 17 kDa	
	Calculated_MW: 13 kDa/16 kDa	
Gene ID:	94274	
UniProt:	Q96A00	
Application Details		
Application Notes:	WB 1:500-1:2000	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 mg/mL	
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.	

## Images



## Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines using PPP1R14A Polyclonal Antibody at dilution of 1:1000.

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