

## Anti-CPI-17 antibody

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<b>Description</b>	Rabbit polyclonal to CPI-17.
<b>Model</b>	STJ92448
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, IF, IHC, WB
<b>Immunogen</b>	Synthesized peptide derived from human CPI-17 around the non-phosphorylation site of T38.
<b>Immunogen Region</b>	10-90 aa
<b>Gene ID</b>	<a href="#">94274</a>
<b>Gene Symbol</b>	<a href="#">PPP1R14A</a>
<b>Dilution range</b>	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
<b>Specificity</b>	CPI-17 Polyclonal Antibody detects endogenous levels of CPI-17 protein.
<b>Tissue Specificity</b>	Isoform 1 is detected in aorta and testis. Isoform 2 is detected in aorta.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	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
<b>Molecular Weight</b>	22 kDa

<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:14871OMIM:608153</a>
<b>Alternative Names</b>	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
<b>Function</b>	Inhibitor of PPP1CA. Has over 1000-fold higher inhibitory activity when phosphorylated, creating a molecular switch for regulating the phosphorylation status of PPP1CA substrates and smooth muscle contraction.
<b>Cellular Localization</b>	Cytoplasm

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