

Anti-CPI-17 antibody



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

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:14871OMIM:608153
Alternative Names	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
Function	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.
Cellular Localization	Cytoplasm

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