

Rabbit CPI-17 Polyclonal Antibody | anti-CPI-17 antibody

CPI7 (Phospho Thr38) Polyclonal Antibody

CATALOG # AAA312938	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

CPI-17; Polyclonal Antibody; CPI7 (Phospho Thr38) Polyclonal Antibody; PPP1R14A; CPI17; PPP1INL; Protein phosphatase 1 regulatory subunit 14A; 17kDa PKC-potentiator inhibitory protein of PP1; Protein kinase C-potentiator inhibitor protein of 17kDa; anti-CPI-17 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Phospho-CPI-17 (T38) Polyclonal Antibody detects endogenous levels of CPI-17 protein only when phosphorylated at T38.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CPI-17 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human CPI17 alpha around the phosphorylation site of Thr38. AA range:5-54
Preparation and Storage	Store at -20°C for 1 year

ADDITIONAL INFORMATION

Related Product Information for anti-CPI-17 antibody	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]
Product Categories/Family for anti-CPI-17 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	345441807
NCBI GeneID	94274
NCBI Accession #	NP_001230876.1
NCBI GenBank Nucleotide #	NM_001243947.1
UniProt Accession #	Q96A00 ; Q7Z4X7 ; Q96S54

Molecular Weight	SDS-PAGE MW: 22
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 14A isoform 2
NCBI Official Synonym Full Names	protein phosphatase 1, regulatory (inhibitor) subunit 14A
NCBI Official Symbol	PPP1R14A
NCBI Official Synonym Symbols	CPI17; CPI-17; PPP1INL
NCBI Protein Information	protein phosphatase 1 regulatory subunit 14A; 17-KDa protein; PKC-potentiated inhibitory protein of PP1; 17 kDa PKC-potentiated inhibitory protein of PP1; 17-kDa PKC-potentiated inhibitory protein of PP1; protein kinase C-potentiated inhibitor protein of
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 14A
UniProt Gene Name	PPP1R14A
UniProt Synonym Gene Names	CPI17; PPP1INL; CPI-17
UniProt Entry Name	PP14A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cpi-17-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/312938>