

CPI17alpha Antibody | anti-CPI17alpha antibody

CPI17alpha (Phospho-Thr38) Antibody

CATALOG # AAA111512	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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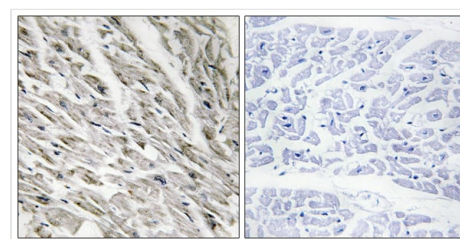
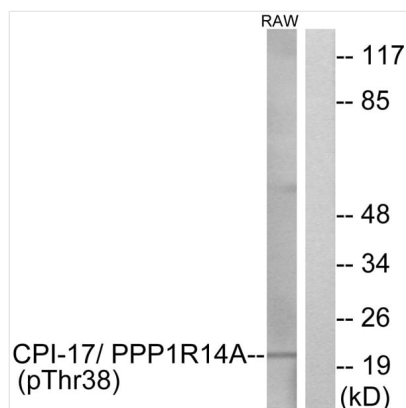
PRODUCT SYNONYMS

CPI17alpha; CPI17alpha (Phospho-Thr38) Antibody; 17-kDa PKC-potentiased inhibitory protein of PP1; CPI; CPI-17; CPI17; PKC-POTENTIATED PP1 inhibitory protein; PKC-potentiased PP1 inhibitory protein; PP14A; Protein phosphatase 1; regulatory (Inhibitor) subunit 14A; anti-CPI17alpha antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	CPI17alpha (Phospho-Thr38) antibody detects endogenous levels of CPI17alpha only when phosphorylated at threonine 38.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	120
Applicable Applications for anti-CPI17alpha antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CPI17alpha around the phosphorylation site of threonine 38 (R-V-TP-V-K).
All Sites	Human: Thr38 Mouse: Thr38 Rat: Thr38
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human heart tissue using CPI17alpha (Phospho-Thr38) antibody. Western blot analysis of extracts from RAW264.7 cells, using CPI17alpha (Phospho-Thr38) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CPI17alpha antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Yamawaki K., Biochem. Biophys. Res. Commun. 285:1040-1045(2001). Cui W.C., Submitted (JAN-1999) to the EMBL/GenBank/DDBJ databases. Liu Q.-R., Biochem. J. 377:171-181(2004).

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	13,480 Da
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
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 14A
UniProt Gene Name	PPP1R14A
UniProt Synonym Gene Names	CPI17; PPP1INL; CPI-17

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/human-mouse-rat-antibody/cpi17alpha/111512>