



## CPI17 $\alpha$ (Phospho-Thr38) Antibody

E11-7051A

**Catalog Number:** E11-7051A

**Concentration:** 1mg/ml

**Swiss-Prot No.:** Q96A00

**Other Names:** 17-kDa PKC-potentiated inhibitory protein of PP1; CPI; CPI-17; CPI17; PKC-POTENTIATED PP1 inhibitory protein; PKC-potentiated PP1 inhibitory protein; PP14A; Protein phosphatase 1, regulatory (Inhibitor) subunit 14A

**All Sites:** Human: Thr38; Mouse: Thr38; Rat: Thr38

**Storage/Stability:** Store at -20°C/1 year

**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human CPI17 $\alpha$  around the phosphorylation site of threonine 38 (R-V-T<sup>P</sup>-V-K).

**Purification:** The antibody was 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.

**Specificity:** CPI17 $\alpha$  (Phospho-Thr38) antibody detects endogenous levels of CPI17 $\alpha$  only when phosphorylated at threonine 38.

**Reactivity:** Human, Mouse, Rat

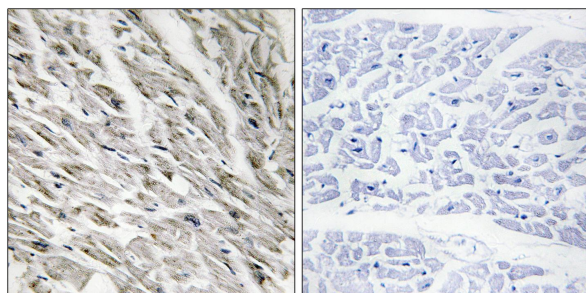
**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100  
ELISA: 1:20000

**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).

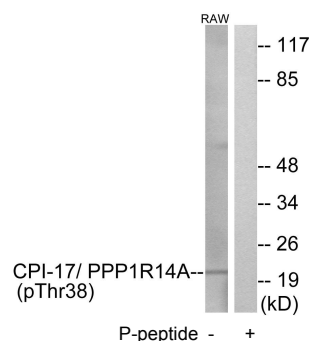


P-peptide

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Immunohistochemistry analysis of paraffin-embedded human heart tissue using CPI17 $\alpha$  (Phospho-Thr38) antibody.



Western blot analysis of extracts from RAW264.7 cells, using CPI17 $\alpha$  (Phospho-Thr38) antibody.

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