

CPI-17(Phospho Thr38) Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP08054

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human CPI17 alpha around the

phosphorylation site of Thr38. AA range:5-54

Mol wt 16693

Species reactivity Human, Mouse, Rat

Clonality Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name Protein phosphatase 1 regulatory subunit 14A

Synonyms Protein phosphatase 1 regulatory subunit 14A; PPP1R14A; CPI17; PPP1INL; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

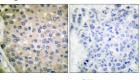
The protein encoded by this gene belongs to the protein phosphatase 1 (PP1) inhibitor family. This protein is an inhibitor of smooth muscle myosin phosphatase, and has higher inhibitory activity when phosphorylated. Inhibition of myosin phosphatase leads to increased myosin phosphorylation and enhanced smooth muscle contraction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Recommended Dilution

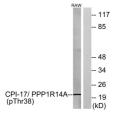
WB: 1: 500 - 1: 2000 IHC-p: 1: 100 - 1: 300 ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using CPI17 alpha (Phospho-Thr38) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from RAW264.7 cells, using CPI17 alpha (Phospho-Thr38) Antibody. The lane on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year

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