

# **KEPI Polyclonal Antibody**

#### Description

Product type Primary Antibody

Code BT-AP04787

Host Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human PPP1R14C. AA range:51-

100

Mol wt 17843

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB, IHC-p, IF, ELISA

Concentration 1 mg/ml

Full name KEPI Antibody

Synonyms PPP1R14C; KEPI; Protein phosphatase 1 regulatory subunit 14C; Kinase-enhanced PP1 inhibitor; PKC-

potentiated PP1 inhibitory protein; Serologically defined breast cancer antigen NY-BR-81

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

#### Background

The degree of protein phosphorylation is regulated by a balance of protein kinase and phosphatase activities. Protein phosphatase 1 regulatory subunit 14C is a signal-transducing phosphatase that influences neuronal activity, protein synthesis, metabolism, muscle contraction, and cell division. PPP1R14C is an inhibitor of PP1

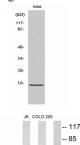
## Recommended Dilution

WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

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## Images



Western Blot analysis of various cells using KEPI Polyclonal Antibody diluted at 1:1000

Western blot analysis of lysates from Jurkat and COLO205 cells, using PPP1R14C Antibody. The lane on the right is blocked with the synthesized peptide.

# Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com