

# PPP1CB Polyclonal Antibody

Catalog Number:E-AB-10548

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

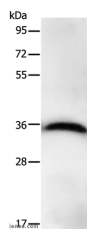
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant protein of human PPP1CB
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

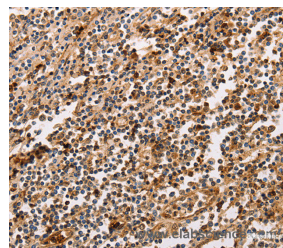
## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:25-1:100

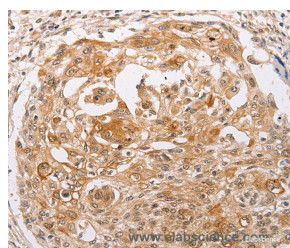
## Data



Western Blot analysis of Hela cell using PPP1CB Polyclonal Antibody at dilution of 1:450  
**Calculated Mw:37kDa**



Immunohistochemistry of paraffin-embedded Human tonsil using PPP1CB Polyclonal Antibody at dilution of 1:30



Immunohistochemistry of paraffin-embedded Human cervical cancer using PPP1CB Polyclonal Antibody at dilution of 1:30

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP1 is a serine/threonine specific protein phosphatase known to be involved in the regulation of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Mouse studies suggest that PP1 functions as a suppressor of learning and memory. Two alternatively spliced transcript variants

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encoding distinct isoforms have been observed.

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