

## Rabbit PPP1CB Polyclonal Antibody | anti-PPP1CB antibody

PPP1CB Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA167289</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

PPP1CB; Polyclonal Antibody; PPP1CB Polyclonal Antibody; PP-1B; PPP1CD; PP1beta; anti-PPP1CB antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                    |
|--------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                             |
| Reactivity                                       | Human, Mouse, Rat                                                                  |
| Clonality                                        | Polyclonal                                                                         |
| Isotype                                          | IgG                                                                                |
| Purity/Purification                              | Affinity purification                                                              |
| Form/Format                                      | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |
| Sequence Length                                  | 327                                                                                |
| Applicable Applications for anti-PPP1CB antibody | IHC (Immunohistochemistry), WB (Western Blot)                                      |
| Immunogen                                        | Recombinant protein of human PPP1CB                                                |
| Note                                             | Centrifuge before opening to ensure complete recovery of vial contents.            |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze / thaw cycles.                                 |

### IMAGES



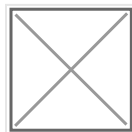
#### IHC (Immunohistochemisry)

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



#### IHC (Immunohiostchemistry)

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



#### WB (Western Blot)

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

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PPP1CB antibody | 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 encoding distinct isoforms have been observed. |
| Product Categories/Family for anti-PPP1CB antibody   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 49457562                                                                                                                                                                                                                                                                                                                                                      |
| NCBI GeneID                      | 5500                                                                                                                                                                                                                                                                                                                                                          |
| UniProt Accession #              | P62140; P37140; Q5U087; Q6FG45; B2R5V4; D6W565                                                                                                                                                                                                                                                                                                                |
| NCBI Official Full Name          | PPP1CB, partial                                                                                                                                                                                                                                                                                                                                               |
| NCBI Official Synonym Full Names | protein phosphatase 1, catalytic subunit, beta isozyme                                                                                                                                                                                                                                                                                                        |
| NCBI Official Symbol             | PPP1CB                                                                                                                                                                                                                                                                                                                                                        |
| NCBI Official Synonym Symbols    | PP1B; PP-1B; PPP1CD; PP1beta; HEL-S-80p                                                                                                                                                                                                                                                                                                                       |
| NCBI Protein Information         | serine/threonine-protein phosphatase PP1-beta catalytic subunit; epididymis secretory sperm binding protein Li 80p; protein phosphatase 1, catalytic subunit, beta isoform; protein phosphatase 1, catalytic subunit, delta isoform; protein phosphatase 1-beta; protein phosphatase 1-delta; serine/threonine protein phosphatase PP1-beta catalytic subunit |
| UniProt Protein Name             | Serine/threonine-protein phosphatase PP1-beta catalytic subunit                                                                                                                                                                                                                                                                                               |
| UniProt Gene Name                | PPP1CB                                                                                                                                                                                                                                                                                                                                                        |
| UniProt Synonym Gene Names       | PP-1B; PPP1CD                                                                                                                                                                                                                                                                                                                                                 |
| UniProt Entry Name               | PP1B_HUMAN                                                                                                                                                                                                                                                                                                                                                    |

**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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