

## Anti-PPP4C Rabbit Monoclonal Antibody

### Introduction

In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions, including division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. Four major families of protein phosphatase catalytic subunits have been identified, designated PP1, PP2A, PP2B (calcineurin) and PP2C. An additional protein phosphatase catalytic subunit, PPX (also known as PP4) is a putative member of a novel PP family.

### Product parameters

|                   |   |
|-------------------|---|
| Alternative Names | PP4; PPX; PP4C; PPH3; PPP4  |
| Gene ID           | 5531  |
| Gene Name         | PPP4C   |
| SwissProt ID      | P60510  |
| Host              | Rabbit  |
| Reactivity        | Human, Mouse, Rat   |
| Molecular Weight  | Calculated MW: 35 kDa; Observed MW: 35 kDa  |
| Conjugation       | Unconjugated  |
| Ex                | -   |
| Em                | -   |
| Modification      | Unmodified  |
| Clonality         | IgG   |
| Isotype           | Monoclonal Antibody   |
| Clonality No.     | AP-5F1G8  |
| Form              | Liquid  |
| Concentration     | See label   |
| Carrier           | Carrier Not Free  |
| Immunogen         | Recombinant protein of human PPP4C  |
| Purification      | Affinity Purified   |
| Buffer System     | 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA. |
| Application       | WB  |

|                    |                                  |
|--------------------|----------------------------------|
| Dilution Ratio     | WB: 1/500-1/1000                 |
| Research Field     | Signal Transduction              |
| Product Categories | Primary antibody                 |
| Shipping           | Blue ice                         |
| Storage            | -20°C                            |
| Expiration Date    | 12 months                        |
| Note               | Please avoid freeze-thaw cycles. |

## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.





## **APExBIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

