

## Datasheet for ABIN1493503 **anti-PPP1CA antibody**



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### Overview

|              |                                                  |
|--------------|--------------------------------------------------|
| Quantity:    | 100 µg                                           |
| Target:      | PPP1CA                                           |
| Reactivity:  | Human, Mouse, Rat, Rabbit                        |
| Host:        | Mouse                                            |
| Clonality:   | Monoclonal                                       |
| Conjugate:   | This PPP1CA antibody is un-conjugated            |
| Application: | Western Blotting (WB), Immunocytochemistry (ICC) |

### Product Details

|                             |                                                                                                                                                           |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | Recombinant rabbit protein phosphatase 1 alpha (PP1 alpha) catalytic subunit Purification<br>Purified by the goat anti-mouse IgG affinity chromatography. |
|                             | Type of Immunogen: Recombinant protein                                                                                                                    |
| Clone:                      | PP-1A                                                                                                                                                     |
| Isotype:                    | IgG2b                                                                                                                                                     |
| Specificity:                | Human, mouse, rat, rabbit. No cross reactivity with other proteins.                                                                                       |
| Cross-Reactivity (Details): | No cross reactivity with other proteins.                                                                                                                  |
| Purification:               | Affinity purified                                                                                                                                         |

### Target Details

|         |        |
|---------|--------|
| Target: | PPP1CA |
|---------|--------|

## Target Details

|                   |                                                                                                                                                                                      |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | PPP1CA / PP1-alpha ( <a href="#">PPP1CA Products</a> )                                                                                                                               |
| Background:       | Name/Gene ID: PPP1CA<br>Subfamily: PP1<br>Family: Protein Phosphatase<br><br>Synonyms: PPP1CA, PP-1A, pp1C alpha, PP1 alpha, PP1-Alpha, PP1alpha, PPP1A, Protein phosphatase 1 alpha |
| Gene ID:          | 5499                                                                                                                                                                                 |
| UniProt:          | <a href="#">P62136</a>                                                                                                                                                               |
| Pathways:         | <a href="#">M Phase</a> , <a href="#">Cellular Glucan Metabolic Process</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Lipid Metabolism</a>        |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Comment:           | Target Species of Antibody: Rabbit                                 |
| Restrictions:      | For Research Use only                                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Lyophilized                                                                                                            |
| Reconstitution:    | 1.2 % sodium acetate or neutral PBS.                                                                                   |
| Concentration:     | Lot specific                                                                                                           |
| Buffer:            | Lyophilized from 1.2 % sodium acetate, 2 mg BSA, 0.01 mg sodium azide as preservative                                  |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Short term: 4°C<br>Long term: -20°C.                                                                                   |