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## Datasheet for ABIN7269679 anti-PPP1R3C antibody

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | PPP1R3C   |
| Reactivity:  | Human   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This PPP1R3C antibody is un-conjugated              |
| Application: | Immunohistochemistry (IHC), Immunofluorescence (IF) |

### Product Details

|                   |                                       |
|-------------------|---------------------------------------|
| Purpose:          | PPP1R3C Rabbit pAb                    |
| Immunogen:        | Recombinant protein of human PPP1R3C. |
| Isotype:          | IgG                                   |
| Cross-Reactivity: | Human, Mouse, Rat                     |
| Characteristics:  | Polyclonal Antibodies                 |
| Purification:     | Affinity purification                 |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | PPP1R3C   |
| Alternative Name: | PPP1R3C ( <a href="#">PPP1R3C Products</a> )  |
| Background:       | This gene encodes a carbohydrate binding protein that is a subunit of the protein phosphatase |

## Target Details

1 (PP1) complex. PP1 catalyzes reversible protein phosphorylation, which is important in a wide range of cellular activities. The encoded protein affects glycogen biosynthesis by activating glycogen synthase and limiting glycogen breakdown by reducing glycogen phosphorylase activity. DNA hypermethylation of this gene has been found in colorectal cancer patients. The encoded protein also interacts with the laforin protein, which is a protein tyrosine phosphatase implicated in Lafora disease.,PTG, PPP1R5,PPP1R3C

|                   |  |
|-------------------|--|
| Molecular Weight: | 36kDa  |
| Gene ID:          | 5507   |
| UniProt:          | <a href="#">Q9UQK1</a>   |
| Pathways:         | <a href="#">Cellular Glucan Metabolic Process</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> |

## Application Details

|                    |                                  |
|--------------------|----------------------------------|
| Application Notes: | IHC,1:50 - 1:200,IF,1:50 - 1:200 |
| Restrictions:      | For Research Use only            |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.  |
| 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:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Avoid freeze / thaw cycles.  |