

# Recombinant Anti-PPP2R5D Rabbit mAb

Catalog # AP95136

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB, IHC, FC, IP, IF/IC |
| <b>Primary Accession</b> | <a href="#">Q14738</a> |
| <b>Reactivity</b>        | Human, Mouse, Rat      |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Monoclonal             |
| <b>Calculated MW</b>     | 69992                  |

## Additional Information

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|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 5528                                                                                                                                                                                                                   |
| <b>Other Names</b>        | Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform; PP2A B subunit isoform B'-delta; PP2A B subunit isoform B56-delta; PP2A B subunit isoform PR61-delta; PP2A B subunit isoform R5-delta |
| <b>Target/Specificity</b> | KLH-conjugated synthetic peptide encompassing a sequence within human PPP2R5D protein. The exact sequence is proprietary.                                                                                              |
| <b>Dilution</b>           | WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~1:10~50 IP~~N/A IF/IC~~N/A                                                                                                                                                  |
| <b>Format</b>             | Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.                                                                                                                                                  |
| <b>Storage</b>            | Store at -20 °C.Stable for 12 months from date of receipt                                                                                                                                                              |

## Protein Information

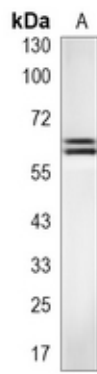
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|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | PPP2R5D                                                                                                                                                                                       |
| <b>Function</b>          | The B regulatory subunit might modulate substrate selectivity and catalytic activity, and might also direct the localization of the catalytic enzyme to a particular subcellular compartment. |
| <b>Cellular Location</b> | Cytoplasm. Nucleus. Note=Nuclear in interphase, nuclear during mitosis                                                                                                                        |
| <b>Tissue Location</b>   | Isoform Delta-2 is widely expressed. Isoform Delta- 1 is highly expressed in brain                                                                                                            |

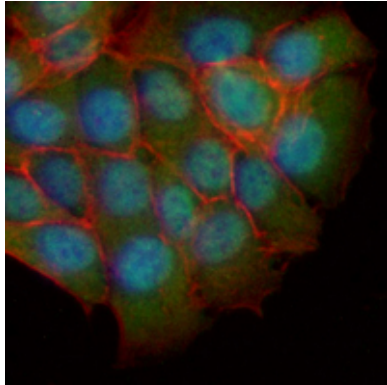
## Images

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Western blot analysis of PPP2R5D expression in HeLa (A)



whole cell lysates. (Predicted band size: 70 kD; Observed band size: 60, 65 kD)



Immunofluorescent analysis of PPP2R5D staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.