

## Anti-PPP2R1A Antibody

| Catalog #                | Source  | Reactivity | Applications |
|--------------------------|---|------------|--------------|
| CQA2171                  | Rabbit  | H, M       | WB, IF/IC    |
| <b>Description</b>       | Rabbit polyclonal antibody to PPP2R1A   |            |              |
| <b>Immunogen</b>         | Recombinant full length protein of human PPP2R1A  |            |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.   |            |              |
| <b>Specificity</b>       | Recognizes endogenous levels of PPP2R1A protein.  |            |              |
| <b>Clonality</b>         | Polyclonal  |            |              |
| <b>Conjugation</b>       |   |            |              |
| <b>Form</b>              | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.   |            |              |
| <b>Dilution</b>          | WB (1/500 - 1/2000), IF/IC (1/50 - 1/200)   |            |              |
| <b>Gene Symbol</b>       | PPP2R1A   |            |              |
| <b>Alternative Names</b> | Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform; Medium tumor antigen-associated 61 kDa protein; PP2A subunit A isoform PR65-alpha; PP2A subunit A isoform R1-alpha |            |              |
| <b>Entrez Gene</b>       | 5518 (Human); 51792 (Mouse)   |            |              |
| <b>SwissProt</b>         | P30153 (Human); Q76MZ3 (Mouse)  |            |              |
| <b>Storage/Stability</b> | Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.  |            |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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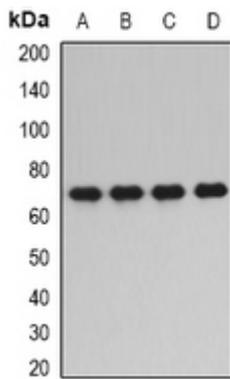
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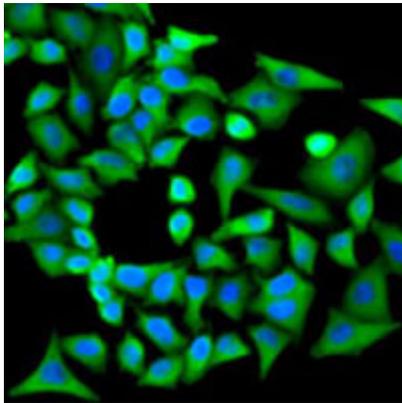
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## Product Data Sheet



Western blot analysis of PPP2R1A expression in SKOV3 (A), HepG2 (B), mouse brain (C), mouse kidney (D) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 65 kD)



Immunofluorescent analysis of PPP2R1A staining in U2OS 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 a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

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