

## Rabbit PPP2CA Polyclonal Antibody | anti-PPP2CA antibody

Rabbit anti-PPP2CA Antibody

| CATALOG # | HOST   | REACTIVITY                                                 | APPLICATIONS                                           |
|-----------|--------|------------------------------------------------------------|--------------------------------------------------------|
| AAA224017 | Rabbit | Human, Mouse, Rat, Bovine, Chicken, Pig, Rabbit, Zebrafish | Immunofluorescence, Immunohistochemistry, Western Blot |

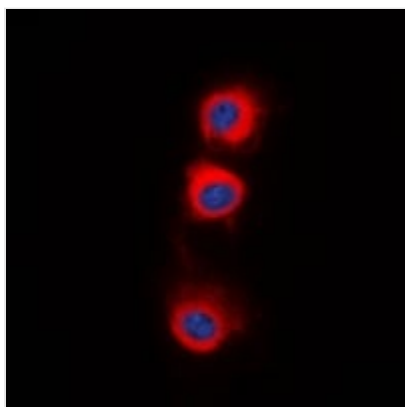
### PRODUCT SYNONYMS

PPP2CA; Polyclonal Antibody; Rabbit anti-PPP2CA Antibody; Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform; PP2A-alpha; Replication protein C; RP-C; anti-PPP2CA antibody

### PRODUCT SPECIFICATIONS

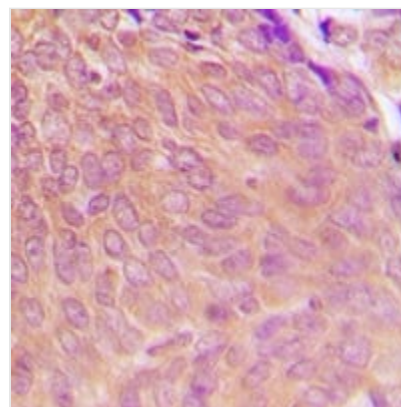
|                                                  |                                                                                                                                       |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                |
| Reactivity                                       | Human, Mouse, Rat, Bovine, Chicken, Pig, Rabbit, Zebrafish                                                                            |
| Clonality                                        | Polyclonal                                                                                                                            |
| Purity/Purification                              | The antibody was purified by immunogen affinity chromatography.                                                                       |
| Form/Format                                      | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                             |
| Concentration                                    | 1mg/mL (varies by lot)                                                                                                                |
| Applicable Applications for anti-PPP2CA antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                |
| Immunogen                                        | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human PPP2CA. The exact sequence is proprietary. |
| Preparation and Storage                          | Store at -20 degree C. Avoid repeated freeze/thaw cycles.                                                                             |

### IMAGES



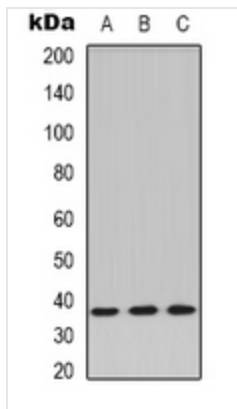
#### IF (Immunofluorescence)

Immunofluorescent analysis of PPP2CA staining in HepG2 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 DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of PPP2CA staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of PPP2CA expression in Jurkat (A), L929 (B), A549 (C) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                    |                    |
|----------------------------------------------------|--------------------|
| Product Categories/Family for anti-PPP2CA antibody | Primary antibodies |
|----------------------------------------------------|--------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4506017                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | 5515                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_002706.1                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_002715.2                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P67775; P63330; P63331                                                                                                                                                                                                                                          |
| Molecular Weight                 | 35,594 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform                                                                                                                                                                                         |
| NCBI Official Synonym Full Names | protein phosphatase 2, catalytic subunit, alpha isozyme                                                                                                                                                                                                         |
| NCBI Official Symbol             | PPP2CA                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | RP-C; PP2Ac; PP2CA; PP2Calpha                                                                                                                                                                                                                                   |
| NCBI Protein Information         | serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform; PP2A-alpha; replication protein C; protein phosphatase 2A catalytic subunit, alpha isoform; protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform; serine/threonine pr |
| UniProt Protein Name             | Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform                                                                                                                                                                                         |
| UniProt Gene Name                | PPP2CA                                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | PP2A-alpha; RP-C                                                                                                                                                                                                                                                |
| UniProt Entry Name               | PP2AA_HUMAN                                                                                                                                                                                                                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppp2ca-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/224017>