

## Rabbit PPP3CA Polyclonal Antibody | anti-PPP3CA antibody

PPP3CA Polyclonal Antibody

|                               |                       |                                        |                                                                  |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA170386</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|------------------------------------------------------------------|

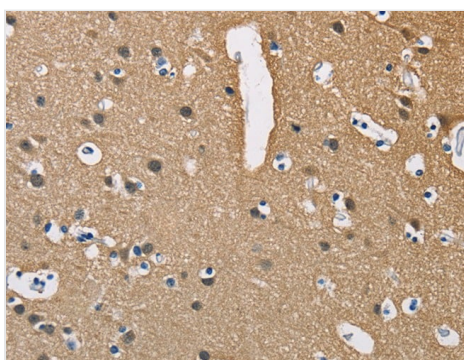
### PRODUCT SYNONYMS

PPP3CA; Polyclonal Antibody; PPP3CA Polyclonal Antibody; CALN; CCN1; CNA1; CALNA; PPP2B; CALNA1; anti-PPP3CA antibody

### PRODUCT SPECIFICATIONS

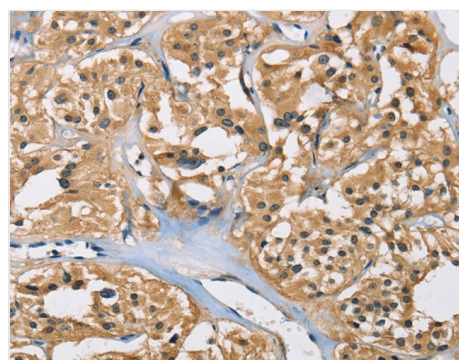
|                                                  |                                                                                           |
|--------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                    |
| Reactivity                                       | Human, Mouse, Rat                                                                         |
| Clonality                                        | Polyclonal                                                                                |
| Isotype                                          | IgG                                                                                       |
| Purity/Purification                              | Antigen affinity purification                                                             |
| Concentration                                    | 1.8mg/mL (varies by lot)                                                                  |
| Sequence Length                                  | 511                                                                                       |
| Applicable Applications for anti-PPP3CA antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                      |
| Immunogen                                        | Recombinant protein of human PPP3CA                                                       |
| Buffer                                           | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                          | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



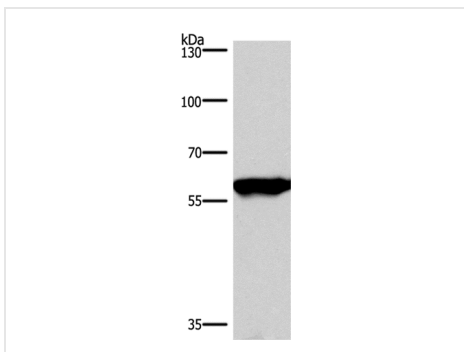
**IHC (Immunohistochemisry)**

Immunohistochemistry of paraffin-embedded Human brain using PPP3CA Polyclonal Antibody at dilution of 1:40



**IHC (Immunohiostchemistry)**

Immunohistochemistry of paraffin-embedded Human thyroid cancer using PPP3CA Polyclonal Antibody at dilution of 1:40



#### WB (Western Blot)

Western Blot analysis of Mouse brain tissue using PPP3CA Polyclonal Antibody at dilution of 1:900

## ADDITIONAL INFORMATION

### Related Product Information for anti-PPP3CA antibody

Protein phosphatase 3, catalytic subunit, alpha isozyme is a protein that in humans is encoded by the PPP3CA gene. Calcium-dependent, calmodulin-stimulated protein phosphatase. Many of the substrates contain a PxIxIT motif. This subunit may have a role in the calmodulin activation of calcineurin. Dephosphorylates DNM1L, HSPB1 and SSH1.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 19343933                                                                                                                                                                                                                                                                                                           |
| NCBI GeneID                      | 5530                                                                                                                                                                                                                                                                                                               |
| Molecular Weight                 | 51,245 Da                                                                                                                                                                                                                                                                                                          |
| NCBI Official Full Name          | PPP3CA protein                                                                                                                                                                                                                                                                                                     |
| NCBI Official Synonym Full Names | protein phosphatase 3, catalytic subunit, alpha isozyme                                                                                                                                                                                                                                                            |
| NCBI Official Symbol             | PPP3CA                                                                                                                                                                                                                                                                                                             |
| NCBI Official Synonym Symbols    | CALN; CCN1; CNA1; CALNA; PPP2B; CALNA1                                                                                                                                                                                                                                                                             |
| NCBI Protein Information         | serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; CAM-PRP catalytic subunit; calcineurin A alpha; calmodulin-dependent calcineurin A subunit alpha isoform; protein phosphatase 2B, catalytic subunit, alpha isoform; protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform |
| UniProt Protein Name             | Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform                                                                                                                                                                                                                                            |
| UniProt Gene Name                | <b>PPP3CA</b>                                                                                                                                                                                                                                                                                                      |
| UniProt Synonym Gene Names       | CALNA; CNA                                                                                                                                                                                                                                                                                                         |
| UniProt Entry Name               | PP2BA_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/ppp3ca-antibody-immunohistochemistry-western-blot-elisa/170386>