

## Rabbit anti-Human PPP2R2B Polyclonal Antibody | anti-PPP2R2B antibody

PPP2R2B Antibody

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA119068</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

### PRODUCT SYNONYMS

PPP2R2B; Polyclonal Antibody; PPP2R2B Antibody; Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform; PP2A subunit B isoform B55-beta; PP2A subunit B isoform PR55-beta; PP2A subunit B isoform R2-beta; PP2A subunit B isoform beta; anti-PPP2R2B antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                         |
| Reactivity                                        | Human                                                                                                          |
| Clonality                                         | Polyclonal                                                                                                     |
| Isotype                                           | IgG                                                                                                            |
| Purity/Purification                               | >95%, Protein G Purified                                                                                       |
| Sequence Length                                   | 449                                                                                                            |
| Applicable Applications for anti-PPP2R2B antibody | WB (Western Blot), ELISA                                                                                       |
| Storage Buffer                                    | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                               |
| Conjugate                                         | Non-conjugated                                                                                                 |
| Immunogen                                         | Recombinant human Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform protein     |
| Preparation and Storage                           | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescence staining of SH-SY5Y cells with AAA119068 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



#### IHC (Immunohistochemistry)

IHC image of AAA119068 diluted at 1:600 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

### ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PPP2R2B antibody | The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment. Within the PP2A holoenzyme complex, isoform 2 is required to promote proapoptotic activity (By similarity). Isoform 2 regulates neuronal survival through the mitochondrial fission and fusion balance (By similarity). |
|-------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 430727960                                                                                                                         |
| NCBI GeneID                      | 5521                                                                                                                              |
| NCBI Accession #                 | NP_001258828.1                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_001271899.1                                                                                                                    |
| UniProt Accession #              | Q00005; A6NEJ2; A8K102; B3KPD0; B7Z2F2; B7Z304; D3DQF7; D3DQF8; G3V149                                                            |
| Molecular Weight                 | 62,505 Da                                                                                                                         |
| NCBI Official Full Name          | serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform isoform g                                        |
| NCBI Official Synonym Full Names | protein phosphatase 2 regulatory subunit B, beta                                                                                  |
| NCBI Official Symbol             | PPP2R2B                                                                                                                           |
| NCBI Official Synonym Symbols    | PR52B; SCA12; B55BETA; PR55BETA; PP2ABBETA; PP2APR55B; PR2ABBETA; PR55-BETA; PP2AB55BETA; PR2AB55BETA; PP2APR55BETA; PR2APR55BETA |
| NCBI Protein Information         | serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform                                                  |
| UniProt Protein Name             | Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B beta isoform                                                  |
| UniProt Gene Name                | PPP2R2B                                                                                                                           |
| UniProt Entry Name               | 2ABB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppp2r2b-antibody-western-blot-elisa/119068>