

# PPP2R2D Rabbit pAb

PPP2R2D Rabbit pAb

Catalog # AP57736

## Product Information

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|-----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>          | WB, IHC-P, IHC-F, IF                                                                                                      |
| <b>Primary Accession</b>    | <a href="#">Q66LE6</a>                                                                                                    |
| <b>Reactivity</b>           | Rat, Mouse                                                                                                                |
| <b>Predicted</b>            | Human, Horse                                                                                                              |
| <b>Host</b>                 | Rabbit                                                                                                                    |
| <b>Clonality</b>            | Polyclonal                                                                                                                |
| <b>Calculated MW</b>        | 52042                                                                                                                     |
| <b>Physical State</b>       | Liquid                                                                                                                    |
| <b>Immunogen</b>            | KLH conjugated synthetic peptide derived from human PPP2R2D                                                               |
| <b>Epitope Specificity</b>  | 351-453/453                                                                                                               |
| <b>Isotype</b>              | IgG                                                                                                                       |
| <b>Purity</b>               | affinity purified by Protein A                                                                                            |
| <b>Buffer</b>               | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.                                                         |
| <b>SUBCELLULAR LOCATION</b> | Cytoplasm.                                                                                                                |
| <b>Important Note</b>       | This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. |

## Additional Information

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| <b>Gene ID</b>     | 55844                                                                                                                                                                                                                                    |
| <b>Other Names</b> | Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform, PP2A subunit B isoform B55-delta, PP2A subunit B isoform PR55-delta, PP2A subunit B isoform R2-delta, PP2A subunit B isoform delta, PPP2R2D, KIAA1541 |
| <b>Dilution</b>    | WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500                                                                                                                                                                               |
| <b>Storage</b>     | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.                                          |

## Protein Information

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|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>     | PPP2R2D                                                                                                                                               |
| <b>Synonyms</b> | KIAA1541                                                                                                                                              |
| <b>Function</b> | Substrate-recognition subunit of protein phosphatase 2A (PP2A) that plays a key role in cell cycle by controlling mitosis entry and exit. Involved in |

chromosome clustering during late mitosis by mediating dephosphorylation of MKI67 (By similarity). The activity of PP2A complexes containing PPP2R2D (PR55-delta) fluctuate during the cell cycle: the activity is high in interphase and low in mitosis (By similarity).

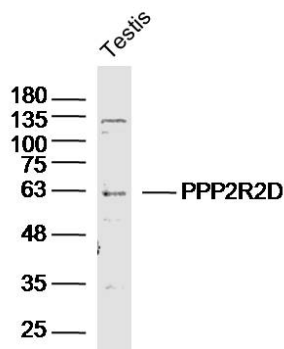
## Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P56932}.

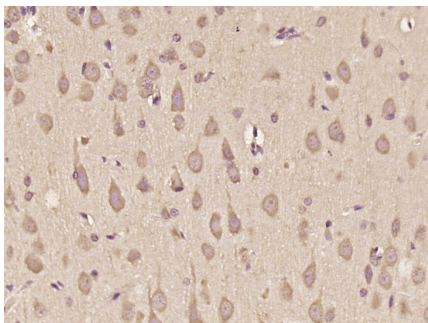
## Background

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## Images



Sample: Testis (Mouse) Lysate at 40 ug  
Primary: Anti-PPP2R2D (AP57736) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 63 kD  
Observed band size: 63 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (PPP2R2D) Polyclonal Antibody, Unconjugated (AP57736) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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