

Product datasheet for **TA335514**

PPP2R2D Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-Ppp2r2d Antibody: synthetic peptide corresponding to a region of Mouse. Synthetic peptide located within the following region: RRDVTLEASRENSKPRASLKPRKVCTGGKRKKDEISVDSLDFNKKILHTA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	50 kDa
Gene Name:	protein phosphatase 2 regulatory subunit Bdelta
Database Link:	NP_060931 Entrez Gene 52432 Mouse Q66LE6



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Background: Ppp2r2d is a B regulatory subunit of protein phosphatase 2A (PP2A) that plays a key role in cell cycle by controlling mitosis entry and exit. The activity of PP2A complexes containing PPP2R2D (PR55-delta) fluctuate during the cell cycle: the activity is high in interphase and low in mitosis. During mitosis, activity of PP2A is inhibited via interaction with phosphorylated ENSA and ARPP19 inhibitors. Within the PP2A complexes, the B regulatory subunits modulate substrate selectivity and catalytic activity, and also may direct the localization of the catalytic enzyme to a particular subcellular compartment.

Synonyms: MDS026

Note: Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Rat: 93%; Horse: 93%; Mouse: 93%; Bovine: 93%; Rabbit: 93%; Zebrafish: 93%; Guinea pig: 93%

Protein Families: Druggable Genome, Phosphatase

Protein Pathways: Tight junction

Product images:



WB Suggested Anti-Ppp2r2d Antibody; Titration: 1.0 ug/ml; Positive Control: Mouse Brain