



Anti-PPP2R2D (aa 91-380) polyclonal antibody (DPABH-04667)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description 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.

Immunogen	Recombinant fragment, corresponding to a region within amino acids 91-380 of Human PPP2R2D (UniProt Q66LE6).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µl
Buffer	pH: 7.00; Constituents: 0.75% Glycine, 1.21% Tris, 20% Glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [PPP2R2D protein phosphatase 3, regulatory subunit B, delta \[Homo sapiens \]](#)

Official Symbol	PPP2R2D
Synonyms	PPP2R2D; protein phosphatase 2, regulatory subunit B, delta; MDS026; serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform; PP2A subunit B isoform delta; PP2A subunit B isoform R2-delta; PP2A subunit B isoform B55-delta; PP2A subunit B isoform PR55-delta; protein phosphatase 2, regulatory subunit B, delta isoform;
Entrez Gene ID	55844
Protein Refseq	NP_001278239.1
UniProt ID	Q66LE6
Pathway	Adrenergic signaling in cardiomyocytes; Cell Cycle; Chagas disease (American trypanosomiasis); Dopaminergic synapse
Function	protein phosphatase type 2A regulator activity;