



Anti-PPP2R5D (aa 500-550) polyclonal antibody (CABT-BL2984)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to a region between residues 500 and 550 of human PPP2R5D
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	IP
Cellular Localization	Cytoplasmic and nuclear in interphase, nuclear during mitosis
Format	Liquid
Buffer	8mM PBS, 60mM Citrate, 150mM Tris, pH 7 to 8
Preservative	0.09% Sodium Azide
Storage	Store at +4°C.

BACKGROUND

Introduction	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
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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.

GENE INFORMATION

Entrez Gene ID	5528
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Protein Refseq	NP_006236
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UniProt ID	Q14738
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