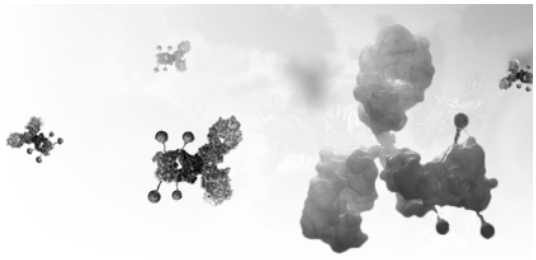

Human PPP2R3A blocking peptide (CDBP2361)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PPP2R3A antibody
Antigen Description	This gene encodes one of the regulatory subunits of the protein phosphatase 2. Protein phosphatase 2 (formerly named type 2A) is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2 holoenzymes are heterotrimeric proteins composed of a structural subunit A, a catalytic subunit C, and a regulatory subunit B. The regulatory subunit is encoded by a diverse set of genes that have been grouped into the B/PR55, B'/PR61, and B"/PR72 families. These different regulatory subunits confer distinct enzymatic specificities and intracellular localizations to the holozenzyme. The product of this gene belongs to the B" family. The B" family has been further divided into subfamilies. The product of this gene belongs to the alpha subfamily of regulatory subunit B". Alternative splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Jun 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	PPP2R3A protein phosphatase 2, regulatory subunit B, alpha [Homo sapiens]

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Official Symbol	PPP2R3A
Synonyms	PPP2R3A; protein phosphatase 2, regulatory subunit B, alpha; PPP2R3, protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 72), alpha isoform and (PR 130), beta isoform , protein phosphatase 2 (formerly 2A), regulatory subunit B, alpha; serine/threonine-protein phosphatase 2A regulatory subunit B subunit alpha; PP2A, subunit B, R3 isoform; PP2A subunit B isoforms B72/B130; serine/threonine-protein phosphatase 2A 72/130 kDa regulatory subunit B; protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 72), alpha isoform and (PR 130), beta isoform; PR72; PR130; PPP2R3;
Entrez Gene ID	5523
mRNA Refseq	NM_001190447
Protein Refseq	NP_001177376
UniProt ID	Q06190
Chromosome Location	3q22.2-q22.3
Pathway	Dopaminergic synapse, organism-specific biosystem; Dopaminergic synapse, conserved biosystem; Glycogen Metabolism, organism-specific biosystem; IL-6 Signaling Pathway, organism-specific biosystem; Wnt Signaling Pathway and Pluripotency, organism-specific biosystem; mRNA surveillance pathway, organism-specific biosystem; mRNA surveillance pathway, conserved biosystem;
Function	calcium ion binding; protein binding; protein phosphatase type 2A regulator activity;

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