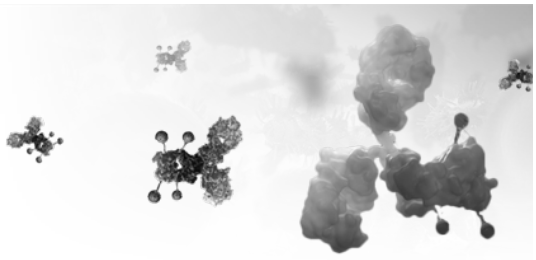

Human PPP2R4 blocking peptide (CDBP2362)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PPP2R4/PP2A antibody
Antigen Description	Protein phosphatase 2A is one of the four major Ser/Thr phosphatases and is implicated in the negative control of cell growth and division. Protein phosphatase 2A 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. This gene encodes a specific phosphotyrosyl phosphatase activator of the dimeric form of protein phosphatase 2A. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
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	PPP2R4 protein phosphatase 2A activator, regulatory subunit 4 [Homo sapiens]

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Official Symbol	PPP2R4
Synonyms	PPP2R4; protein phosphatase 2A activator, regulatory subunit 4; protein phosphatase 2A, regulatory subunit B (PR 53); serine/threonine-protein phosphatase 2A activator; phosphotyrosyl phosphatase activator; PP2A phosphatase activator; PR53; PTPA; PP2A subunit B isoform PR53; serine/threonine-protein phosphatase 2A regulatory subunit B; PP2A; MGC2184;
Entrez Gene ID	5524
mRNA Refseq	NM_001193397
Protein Refseq	NP_001180326
UniProt ID	Q15257
Chromosome Location	9q34
Pathway	Glycogen Metabolism, organism-specific biosystem; IL-6 Signaling Pathway, organism-specific biosystem; Validated targets of C-MYC transcriptional repression, organism-specific biosystem; Wnt Signaling Pathway and Pluripotency, organism-specific biosystem; p53 pathway, organism-specific biosystem;
Function	ATP binding; contributes_to ATPase activity; isomerase activity; nucleotide binding; peptidyl-prolyl cis-trans isomerase activity; phosphatase activator activity; protein heterodimerization activity; protein homodimerization activity; protein phosphatase

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