



Human PPP2R5A blocking peptide (CDBP2363)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PPP2R5A antibody
Antigen Description	The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes an alpha isoform of the regulatory subunit B56 subfamily. Alternative transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Dec 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	PPP2R5A protein phosphatase 2, regulatory subunit B, alpha [Homo sapiens]
Official Symbol	PPP2R5A

Synonyms	PPP2R5A; protein phosphatase 2, regulatory subunit B, alpha; protein phosphatase 2, regulatory subunit B (B56), alpha isoform , protein phosphatase 2, regulatory subunit B, alpha isoform; serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform; B56A; PR61A; PR61alpha; PP2A B subunit isoform B-alpha; PP2A B subunit isoform R5-alpha; PP2A B subunit isoform B56-alpha; PP2A B subunit isoform PR61-alpha; PP2A, B subunit, B alpha isoform; PP2A, B subunit, R5 alpha isoform; PP2A, B subunit, B56 alpha isoform; PP2A, B subunit, PR61 alpha isoform; protein phosphatase 2, regulatory subunit B, alpha isoform; protein phosphatase 2, regulatory subunit B (B56), alpha isoform; serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, alpha isoform; MGC131915;
Entrez Gene ID	5525
mRNA Refseq	NM_001199756
Protein Refseq	NP_001186685
UniProt ID	Q15172
Chromosome Location	1q32.2-q32.3
Pathway	Adaptive Immune System, organism-specific biosystem; Beta-catenin phosphorylation cascade, organism-specific biosystem; C-MYC pathway, organism-specific biosystem; CTLA4 inhibitory signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem;
Function	kinase binding; protein binding; protein phosphatase type 2A regulator activity;