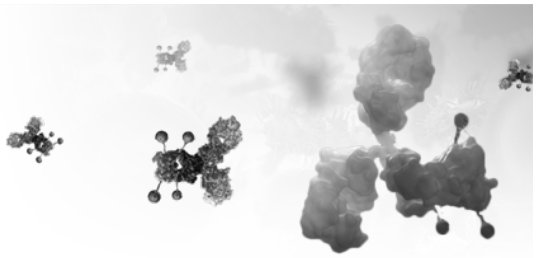

Human ARPC1B blocking peptide (CDBP0492)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ARP2/3 subunit 1B antibody
Antigen Description	This gene encodes one of seven subunits of the human Arp2/3 protein complex. This subunit is a member of the SOP2 family of proteins and is most similar to the protein encoded by gene ARPC1A. The similarity between these two proteins suggests that they both may function as p41 subunit of the human Arp2/3 complex that has been implicated in the control of actin polymerization in cells. It is possible that the p41 subunit is involved in assembling and maintaining the structure of the Arp2/3 complex. Multiple versions of the p41 subunit may adapt the functions of the complex to different cell types or developmental stages. This protein also has a role in centrosomal homeostasis by being an activator and substrate of the Aurora A kinase. [provided by RefSeq, Mar 2011]
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	ARPC1B actin related protein 2/3 complex, subunit 1B, 41kDa [Homo sapiens (human)]
Official Symbol	ARPC1B

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Synonyms	ARPC1B; actin related protein 2/3 complex, subunit 1B, 41kDa; ARC41; p40-ARC; p41-ARC; actin-related protein 2/3 complex subunit 1B; arp2/3 complex 41 kDa subunit; ARP2/3 protein complex subunit p41;
Entrez Gene ID	10095
mRNA Refseq	NM_005720.3
Protein Refseq	NP_005711.1
UniProt ID	A4D275
Chromosome Location	7q22.1
Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; CDC42 signaling events, organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic
Function	actin binding; structural constituent of cytoskeleton;

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