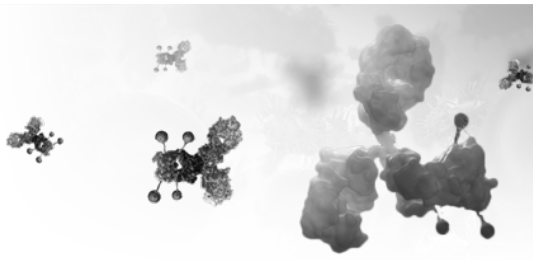

Human PARP4 blocking peptide (CDBP2202)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PARP4/VPARP antibody
Antigen Description	This gene encodes poly(ADP-ribosyl)transferase-like 1 protein, which is capable of catalyzing a poly(ADP-ribosyl)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribosyl) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribosyl) transferase. Since this protein is not capable of binding DNA directly, its transferase activity may be activated by other factors such as protein-protein interaction mediated by the extensive carboxyl terminus. [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	PARP4 poly (ADP-ribose) polymerase family, member 4 [Homo sapiens]
Official Symbol	PARP4
Synonyms	PARP4; poly (ADP-ribose) polymerase family, member 4; ADP ribosyltransferase (NAD+; poly

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	(ADP ribose) polymerase) like 1 , ADPRTL1; poly [ADP-ribose] polymerase 4; p193; VAULT3; von Willebrand factor A domain containing 5C; VPARP; VWA5C; PARP-related; H5 proline-rich; I-alpha-I-related; 193 kDa vault protein; vault protein, 193-kDa; poly(ADP-ribose) synthetase; vault poly(ADP-ribose) polymerase; poly(ADP-ribosyl)transferase-like 1; PARP-related/IalphaI-related H5/proline-rich; ADP-ribosyltransferase (NAD+; poly (ADP-ribose) polymerase)-like 1; PH5P; PARPL; PARP-4; ADPRTL1;
Entrez Gene ID	143
mRNA Refseq	NM_006437
Protein Refseq	NP_006428
UniProt ID	Q9UKK3
Chromosome Location	13q11
Pathway	BER complex, organism-specific biosystem; BER complex, conserved biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem;
Function	DNA binding; NAD+ ADP-ribosyltransferase activity; NAD+ ADP-ribosyltransferase activity; enzyme binding; transferase activity, transferring glycosyl groups;

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