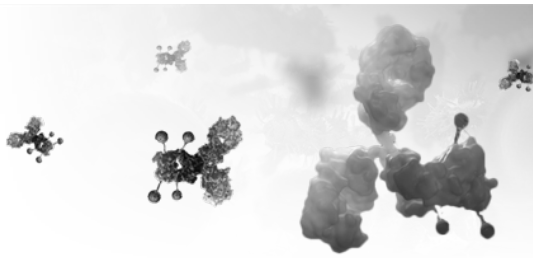

Human PREX1 blocking peptide (CDBP2381)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PREX1 antibody
Antigen Description	The protein encoded by this gene acts as a guanine nucleotide exchange factor for the RHO family of small GTP-binding proteins (RACs). It has been shown to bind to and activate RAC1 by exchanging bound GDP for free GTP. The encoded protein, which is found mainly in the cytoplasm, is activated by phosphatidylinositol-3,4,5-trisphosphate and the beta-gamma subunits of heterotrimeric G proteins. [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	PREX1 phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1 [Homo sapiens]
Official Symbol	PREX1
Synonyms	PREX1; phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1; phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein; KIAA1415; P

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	REX1; ptdIns(3,4,5)-dependent Rac exchanger 1; P-REX1;
Entrez Gene ID	57580
mRNA Refseq	NM_020820
Protein Refseq	NP_065871
UniProt ID	Q8TCU6
Chromosome Location	20q13.13
Pathway	Cell death signalling via NRAGE, NRIF and NADE, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class I PI3K signaling events, organism-specific biosystem; G alpha (12/13) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; NRAGE signals death through JNK, organism-specific biosystem;
Function	Rho GTPase activator activity; Rho guanyl-nucleotide exchange factor activity; enzyme binding; guanyl-nucleotide exchange factor activity; phospholipid binding; protein binding;

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