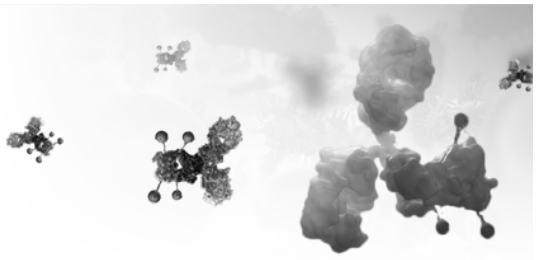

Human SAR1B blocking peptide (CDBP2604)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SAR1B/SARA2 antibody
Antigen Description	The protein encoded by this gene is a small GTPase that acts as a homodimer. The encoded protein is activated by the guanine nucleotide exchange factor PREB and is involved in protein transport from the endoplasmic reticulum to the Golgi. This protein is part of the COPII coat complex. Defects in this gene are a cause of chylomicron retention disease (CMRD), also known as Anderson disease (ANDD). Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Mar 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	SAR1B secretion associated, Ras related GTPase 1B [Homo sapiens (human)]
Official Symbol	SAR1B
Synonyms	SAR1B; secretion associated, Ras related GTPase 1B; ANDD; CMRD; GTBPB; SARA2; GTP-binding protein SAR1b; 2310075M17Rik; SAR1 homolog B; SAR1a gene homolog 2; GTP-

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	binding protein B; GTP-binding protein Sara;
Entrez Gene ID	51128
mRNA Refseq	NM_001033503.2
Protein Refseq	NP_001028675.1
UniProt ID	Q9Y6B6
Chromosome Location	5q31.1
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen Presentation: Folding, assembly and peptide loading of class I MHC, organism-specific biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; COPII (Coat Protein 2) Mediated Vesicle Transport, organism-specific biosystem; COPII complex, organism-specific biosystem; COPII complex, conserved biosystem; Chylomicron-mediated lipid transport, organism-specific biosystem; Class I MHC mediated antigen processing & prese
Function	GTP binding; GTPase activity; metal ion binding;

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