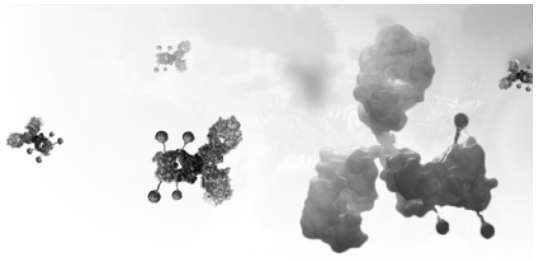

Human ORC3 blocking peptide (CDBP2128)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-ORC3L antibody
Antigen Description	The origin recognition complex (ORC) is a highly conserved six subunits protein complex essential for the initiation of the DNA replication in eukaryotic cells. Studies in yeast demonstrated that ORC binds specifically to origins of replication and serves as a platform for the assembly of additional initiation factors such as Cdc6 and Mcm proteins. The protein encoded by this gene is a subunit of the ORC complex. Studies of a similar gene in Drosophila suggested a possible role of this protein in neuronal proliferation and olfactory memory. Alternatively spliced transcript variants encoding distinct isoforms have been reported for this gene. [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	ORC3 origin recognition complex, subunit 3 [Homo sapiens (human)]
Official Symbol	ORC3

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Synonyms	ORC3; origin recognition complex, subunit 3; LAT; ORC3L; LATHEO; origin recognition complex subunit 3; homolog of latheo, Drosophila; origin recognition complex subunit Latheo; origin recognition complex, subunit 3 honolog;
Entrez Gene ID	23595
mRNA Refseq	NM_001197259.1
Protein Refseq	NP_001184188.1
UniProt ID	Q9UBD5
Chromosome Location	6q14.3-q16.1
Pathway	Activation of ATR in response to replication stress, organism-specific biosystem; Activation of the pre-replicative complex, organism-specific biosystem; Assembly of the ORC complex at the origin of replication, organism-specific biosystem; Assembly of the pre-replicative complex, organism-specific biosystem; Association of licensing factors with the pre-replicative complex, organism-specific biosystem; CDC6 association with the ORC:origin complex, organism-specific biosystem; CDT1 association w
Function	DNA replication origin binding; protein binding;

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