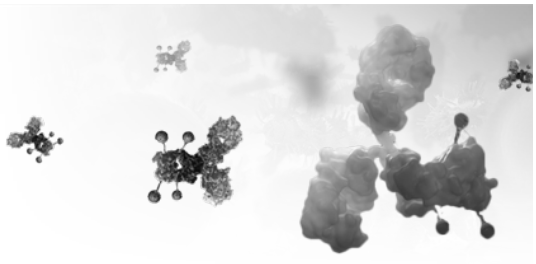

CCNO blocking peptide (CDBP6410)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the cyclin protein family, and the encoded protein is involved in regulation of the cell cycle. Disruption of this gene is associated with primary ciliary dyskinesia-19. Alternative splicing results in multiple transcript variants. This gene, which has a previous symbol of UNG2, was erroneously identified as a uracil DNA glycosylase in PubMed ID: 2001396. A later publication, PubMed ID: 8419333, identified this gene's product as a cyclin protein family member. The UNG2 symbol is also used as a specific protein isoform name for the UNG gene (GeneID 7374), so confusion exists in the scientific literature and in some databases for these two genes. [provided by RefSeq, Jul 2014]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	CCNO cyclin O [Homo sapiens (human)]
Official Symbol	CCNO
Synonyms	CCNO; cyclin O; CCNU; UDG2; CILD29; cyclin-O; cyclin U; cyclin domain containing

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Entrez Gene ID	10309
mRNA Refseq	NM_021147
Protein Refseq	NP_066970
UniProt ID	P22674
Pathway	Base Excision Repair; Base-Excision Repair; Base-free sugar-phosphate removal via the single-nucleotide replacement pathway; Cleavage of the damaged pyrimidine; DNA Repair; Depyrimidination; Displacement of DNA glycosylase by APE1; Recognition and association of DNA glycosylase with site containing an affected pyrimidine
Function	protein kinase binding; uracil DNA N-glycosylase activity

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