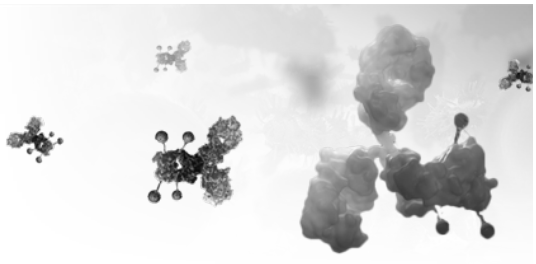

DAD1 blocking peptide (CDBP5357)

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

PRODUCT INFORMATION

Antigen Description	DAD1, the defender against apoptotic cell death, was initially identified as a negative regulator of programmed cell death in the temperature sensitive tsBN7 cell line. The DAD1 protein disappeared in temperature-sensitive cells following a shift to the nonpermissive temperature, suggesting that loss of the DAD1 protein triggered apoptosis. DAD1 is believed to be a tightly associated subunit of oligosaccharyltransferase both in the intact membrane and in the purified enzyme, thus reflecting the essential nature of N-linked glycosylation in eukaryotes. [provided by RefSeq, Jul 2008]
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	DAD1 defender against cell death 1 [Homo sapiens (human)]
Official Symbol	DAD1
Synonyms	DAD1; defender against cell death 1; OST2; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1; DAD-1; oligosaccharyltransferase 2 homolog; oligosaccharyl transferase subunit DAD1; oligosaccharyltransferase subunit 2 (non-catalytic)

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Entrez Gene ID	1603
mRNA Refseq	NM_001344
Protein Refseq	NP_001335
UniProt ID	P61803
Pathway	Asparagine N-linked glycosylation; Metabolism of proteins; N-Glycan biosynthesis; N-glycosylation by oligosaccharyltransferase; Post-translational protein modification; Protein processing in endoplasmic reticulum
Function	contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; contributes_to oligosaccharyl transferase activity

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