



# Human DAD1 blocking peptide (CDBP0955)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking peptide for anti-DAD1 antibody
<b>Antigen Description</b>	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.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/ml
<b>Size</b>	50 µg
<b>Buffer</b>	PBS containing 0.02% sodium azide
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C, stable for one year.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">DAD1 defender against cell death 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	DAD1

<b>Synonyms</b>	DAD1; defender against cell death 1; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1; oligosaccharyltransferase 2 homolog (S. cerevisiae); OST2; DAD-1; oligosaccharyltransferase 2 homolog; oligosaccharyl transferase subunit DAD1;
<b>Entrez Gene ID</b>	<a href="#">1603</a>
<b>mRNA Refseq</b>	<a href="#">NM_001344</a>
<b>Protein Refseq</b>	<a href="#">NP_001335</a>
<b>UniProt ID</b>	P61803
<b>Chromosome Location</b>	14q11.2
<b>Pathway</b>	Asparagine N-linked glycosylation, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; N-Glycan biosynthesis, organism-specific biosystem; N-Glycan biosynthesis, conserved biosystem; Oligosaccharyltransferase, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem;
<b>Function</b>	contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; contributes_to oligosaccharyl transferase activity; transferase activity;