



Human DAD1 blocking peptide (CDBP0955)

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

PRODUCT INFORMATION

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

GENE INFORMATION

Gene Name	DAD1 defender against cell death 1 [Homo sapiens]
Official Symbol	DAD1

Synonyms	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;
Entrez Gene ID	1603
mRNA Refseq	NM_001344
Protein Refseq	NP_001335
UniProt ID	P61803
Chromosome Location	14q11.2
Pathway	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;
Function	contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; contributes_to oligosaccharyl transferase activity; transferase activity;