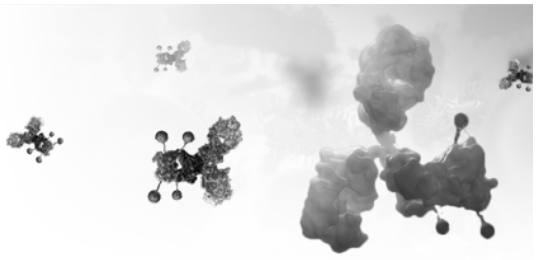

Mouse anti-Human DAD1 polyclonal antibody (DPAB-DC697)

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.
Immunogen	DAD1 (AAH07403, 1 a.a. ~ 113 a.a) full-length recombinant protein with GST tag. The sequence is MSASVVSVISRFLEEYLSSTPQRLKLLDAYLLYILLTGALQFGYCLLVGTFPFNSFLSGF ISCVGSFILAVCLRIQINPQNKADFQGISPERAFADFLFASTILHLVVMNFVG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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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);
Entrez Gene ID	1603
Protein Refseq	NP_001335
UniProt ID	P61803
Chromosome Location	14q11.2
Pathway	Asparagine N-linked glycosylation; N-Glycan biosynthesis; N-glycosylation by oligosaccharyltransferase; Post-translational protein modification
Function	contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; contributes_to oligosaccharyl transferase activity;

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