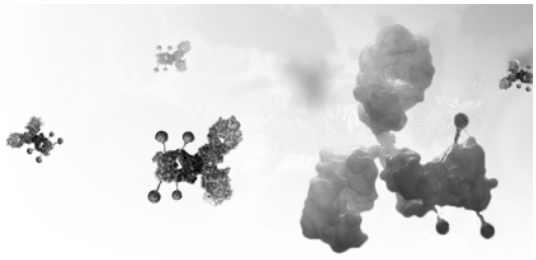

Anti-DDOST (aa 328-427) polyclonal antibody (DPAB-DC722)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a component of the oligosaccharyltransferase complex which catalyzes the transfer of high-mannose oligosaccharides to asparagine residues on nascent polypeptides in the lumen of the rough endoplasmic reticulum. The protein complex co-purifies with ribosomes. The product of this gene is also implicated in the processing of advanced glycation endproducts (AGEs), which form from non-enzymatic reactions between sugars and proteins or lipids and are associated with aging and hyperglycemia.
Immunogen	DDOST (NP_005207, 328 a.a. ~ 427 a.a) partial recombinant protein with GST tag. The sequence is TDLVEYSIVIQQLSNGKWVPFDGDDIQLEFVRIDPFVRTFLKKKGGKYSVQFKLPDVYGV FQFKVDYNRLGYTHLYSSTQVSVRPLQHTQYERFIPSAYP
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), 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	DDOST dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit (non-catalytic) [Homo sapiens (human)]
Official Symbol	DDOST
Synonyms	DDOST; dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit (non-catalytic); OST; WBP1; AGER1; CDG1R; OST48; OKSWcl45; dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit; oligosaccharyltransferase subunit 48; advanced glycation endproduct receptor 1; oligosaccharyltransferase 48 kDa subunit; oligosaccharyl transferase 48 kDa subunit; dolichyl-diphosphooligosaccharide-protein glycotransferase;
Entrez Gene ID	1650
Protein Refseq	NP_005207
UniProt ID	A0A024RAD5
Chromosome Location	1p36.1
Pathway	AGE/RAGE pathway; Asparagine N-linked glycosylation; Immune System; Metabolism of proteins
Function	contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; contributes_to oligosaccharyl transferase activity; protein binding;

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