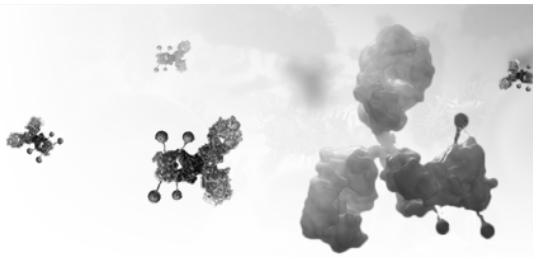

Mouse anti-Human DDOST monoclonal antibody, clone 3E8 (CABT-B10076)

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

PRODUCT INFORMATION

Immunogen	DDOST (NP_005207, 328 a.a. ~ 428 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3E8
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	TDLVEYSIVIQQLSNGKWVPFDGDDIQLEFVRIDPFVRTFLKKKGGKYSVQFKLPDVYGV FQFKVDYNRLGYTHLYSSTQVSVRPLQHTQYERFIPSAYP*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a component of the oligosaccharyltransferase complex which catalyzes the transfer of high-mannose oligosaccharides to asparagine residues on nascent polypeptides in

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	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. [provided by RefSeq, Jul 2008]
Keywords	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;

GENE INFORMATION

Entrez Gene ID	1650
UniProt ID	P39656
Pathway	Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immunity Signaling, organism-specific biosystem; Insulin Synthesis and Processing, organism-specific biosystem
Function	contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; protein binding; transferase activity

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