



Anti-DDOST monoclonal antibody (DCABH-11240)

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	A synthetic peptide of human DDOST is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	DDOST dolichyl-diphosphooligosaccharide--protein glycosyltransferase [Homo sapiens]
Official Symbol	DDOST
Synonyms	DDOST; dolichyl-diphosphooligosaccharide--protein glycosyltransferase; dolichyl diphosphooligosaccharide protein glycosyltransferase; dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit; KIAA0115; OST; OST48; WBP1; DDOST 48 kDa subunit; advanced glycation endproduct receptor 1; oligosaccharyltransferase 48 kDa subunit; oligosaccharyl transferase 48 kDa subunit; dolichyl-diphosphooligosaccharide-protein glycotransferase; dolichyl-diphosphooligosaccharide-protein glycosyltransferase; AGER1; CDG1R; OKSWcl45; MGC2191;
Entrez Gene ID	1650
Protein Refseq	NP_005207
UniProt ID	A0A024RAD5
Chromosome Location	1p36.1
Pathway	Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; Gene Expression, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem;
Function	contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; contributes_to oligosaccharyl transferase activity; transferase activity;