

# DDOST rabbit monoclonal antibody

Catalog # H00001650-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human DDOST peptide using ARM Technology.
Immunogen	A synthetic peptide of human DDOST is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human DDOST peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — DDOST

Entrez GeneID	<a href="#">1650</a>
GeneBank Accession#	<a href="#">DDOST</a>
Gene Name	DDOST
Gene Alias	AGE-R1, KIAA0115, MGC2191, OK/SW-cl.45, OST, OST48, WBP1
Gene Description	dolichyl-diphosphooligosaccharide-protein glycosyltransferase
Omim ID	<a href="#">602202</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000002882 advanced glycation endproduct receptor 1 dolichyl-diphosphooligosaccharide-protein glycosyltransferase 48 kDa subunit dolichyl-diphosphooligosaccharide-protein glycosyltransferase oligosaccharyltransferase 48 kDa subunit

## Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)

## Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)

- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)