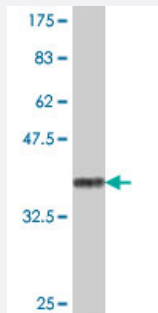


# DDOST polyclonal antibody (A01)

Catalog # H00001650-A01

Size 50 uL

## Applications



Western Blot detection against Immunogen (37.11 kDa) .

## Specification

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Mouse polyclonal antibody raised against a partial recombinant DDOST.                                    |
| <b>Immunogen</b>               | DDOST (NP_005207, 328 a.a. ~ 427 a.a) partial recombinant protein with GST tag.                          |
| <b>Sequence</b>                | TDLVEYSVIQQLSNGKWVPFDGDDIQLEFVRIDPFVRTFLKKKGKYSVQFKLPDVYGVFQFKVD<br>YNRLGYTHLYSSTQVSVRPLQHTQYERFIPSAYP   |
| <b>Host</b>                    | Mouse                                                                                                    |
| <b>Reactivity</b>              | Human                                                                                                    |
| <b>Quality Control Testing</b> | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (37.11 kDa) . |
| <b>Storage Buffer</b>          | 50 % glycerol                                                                                            |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                 |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — DDOST

Entrez GeneID [1650](#)

GeneBank Accession# [NM\\_005216](#)

Protein Accession# [NP\\_005207](#)

Gene Name DDOST

Gene Alias AGE-R1, KIAA0115, MGC2191, OK/SW-cl.45, OST, OST48, WBP1

Gene Description dolichyl-diphosphooligosaccharide-protein glycosyltransferase

Omim ID [602202](#)

Gene Ontology [Hyperlink](#)

**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

## Publication Reference

- [Robust immunohistochemical staining of several classes of proteins in tissues subjected to autolysis.](#)

Maleszewski J, Lu J, Fox-Talbot K, Halushka MK.

The Journal of Histochemistry and Cytochemistry 2007 Feb; 55(6):597.

Application: IHC, Human, Autolyzed Tissues

## Pathway

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

## Disease

- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)