

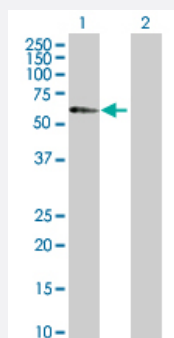
MaxPab®

DDOST purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001650-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of DDOST expression in transfected 293T cell line ([H00001650-T03](#)) by DDOST MaxPab polyclonal antibody.

Lane 1: DDOST transfected lysate(50.70 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human DDOST protein.

Immunogen

DDOST (NP_005207.2, 1 a.a. ~ 456 a.a) full-length human protein.

Sequence

MGYFRCAGAGSFGRRRKMEPSTAARAWALFWLLLPLLGAVCASGPRTLVLDDNLNVRETHSLFF
RSLKDRGFELTFKTADDPSSLIKYGEFLYDNLIIFPSVEDFGGNINVETISAFIDGGGSVLVAASS
DIGDPLRELGSECGIEFDEEKTAVIDHHNYDISDLGQHTLMADTENLLKAPTIVGKSSLNPILFRGVG
MVADPDNPLVLDILTGSSTSYSFFDPKPITQYPHAVGKNTLLIAGLQARNNARVIFSGSLDFFSDSF
FNSAVQKAAPGSQRYSTGNYELAVLSRWVFKEEGVLRVGPVSHHRVGETAPPNAYTVTDLV
EYSVIQQLSNGKWVPFDGDDIQLEFVRIDPFVRTFLKKKGKYSVQFKLPDVYGVFQFKVDYNRL
GYTHLYSSTQVSVRPLQHTQYERFIPSAYPYASAFSMMLGLFISVFLHMKEKEKSD

Host

Rabbit

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — DDOST

Entrez GeneID [1650](#)

GeneBank Accession# [NM_005216.4](#)

Protein Accession# [NP_005207.2](#)

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

Pathway

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

Disease

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