DNAxPAb | Hard-to-Find Antibody

DDOST DNAxPab

Catalog # H00001650-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DDOST DNA using DNAx™ Immune te chnology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MGYFRCAGAGSFGRRRKMEPSTAARAWALFWLLLPLLGAVCASGPRTLVLLDNLNVRETHSLFF RSLKDRGFELTFKTADDPSLSLIKYGEFLYDNLIIFSPSVEDFGGNINVETISAFIDGGGSVLVAASS DIGDPLRELGSECGIEFDEEKTAVIDHHNYDISDLGQHTLIVADTENLLKAPTIVGKSSLNPILFRGVG MVADPDNPLVLDILTGSSTSYSFFPDKPITQYPHAVGKNTLLIAGLQARNNARVIFSGSLDFFSDSF FNSAVQKAAPGSQRYSQTGNYELAVALSRWVFKEEGVLRVGPVSHHRVGETAPPNAYTVTDLV EYSIVIQQLSNGKWVPFDGDDIQLEFVRIDPFVRTFLKKKGGKYSVQFKLPDVYGVFQFKVDYNRL GYTHLYSSTQVSVRPLQHTQYERFIPSAYPYYASAFSMMLGLFIFSIVFLHMKEKEKSD
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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 glycotransferase|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