ARG58482
anti-DDOST antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes DDOST
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	DDOST
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 40-300 of Human DDOST (NP_005207.2).
Conjugation	Un-conjugated
Alternate Names	Oligosaccharyl transferase 48 kDa subunit; CDG1R; OST48; OKSWcl45; EC 2.4.99.18; Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit; OST; AGER1; DDOST 48 kDa subunit; WBP1

Application Instructions

Application table

Application	Dilution
IHC-P	1:50 - 1:200
WB	1:500 - 1:2000

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	U-87MG
Observed Size	51 kDa

Properties

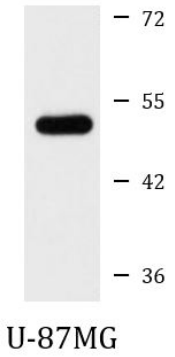
Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	DDOST
Gene Full Name	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit (non-catalytic)
Background	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, Jul 2008]
Function	Essential subunit of the N-oligosaccharyl transferase (OST) complex which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains. [UniProt]
Calculated Mw	51 kDa
Cellular Localization	Endoplasmic reticulum membrane, Single-pass type I membrane protein,. [UniProt]

Images



ARG58482 anti-DDOST antibody WB image

Western blot: 25 µg of U-87MG cell lysate stained with ARG58482 anti-DDOST antibody at 1:1000 dilution.