Anti-DDOST antibody

Cat. No.	ml224755
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-DDOST rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human DDOST
Reactivity	Human, Mouse, Rat
Content	0.48 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	DDOST
Full name	dolichyl-diphosphooligosaccharide--protein glycosyltransferase non-catalytic subunit

Synonyms	OST; WBP1; AGER1; CDG1R; OST48; OKSWcl45
Swissprot	P39656

Target 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.

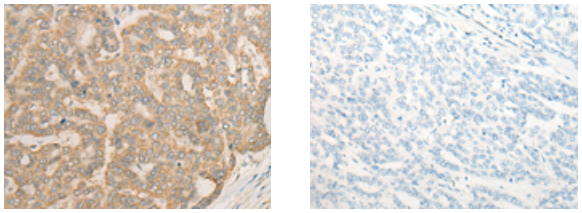
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml224755(DDOST Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size:51 kDa

Positive control:A172, HepG2 and LOVO cell lysates

Recommended dilution: 200-1000

Gel: 8%SDS-PAGE

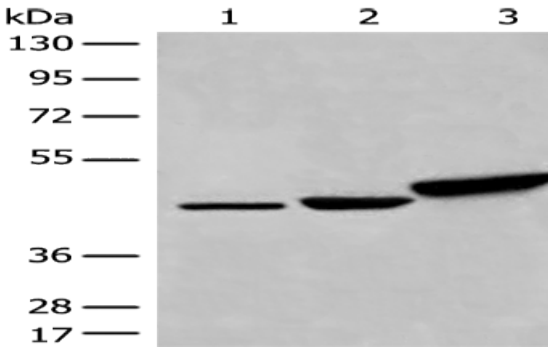
Lysate: 40 μg

Lane 1-3: A172, HepG2 and LOVO cell lysates

Primary antibody: ml224755(DDOST Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



ELISA

Recommended dilution: 5000-10000

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