

Rabbit DDOST Polyclonal Antibody | anti-DDOST antibody

DDOST antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199719	Rabbit	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	Western Blot

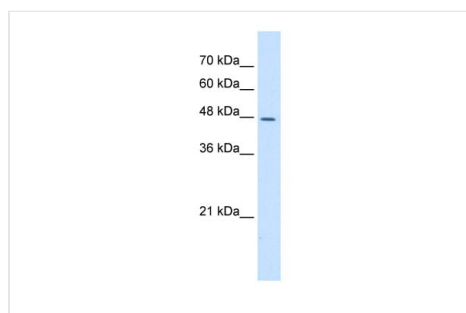
PRODUCT SYNONYMS

DDOST; Polyclonal Antibody; DDOST antibody - N-terminal region; anti-DDOST antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human Predicted: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 0.5 - 1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: SP SVEDFGGNIN VETISAFIDG GGSVLVAASS DIGDPLRELG SECGIEFD
Sequence Length	456
Applicable Applications for anti-DDOST antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DDOST
Protein Interactions	HUWE1; VAPB; UBC; FAF1; STAU1; ASB11; TRIM13; SUZ12; EED; CLN3; NXT1; SRSF11; FN1; ATF2; STT3B; MAGT1; ZMPSTE24; VDAC2; SSR4; SSR3; SLC25A3; ILF2; KRTCAP2; FBXO6; UBD; AMFR; AUP1; TMEM173; UNC93B1; MAPK6; HDAC5; AGO3; BRCC3; GSTK1; TMBIM4; PGRMC1; SAP18
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-DDOST Antibody Titration: 5.0ug/ml Positive Control: Jurkat cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-DDOST antibody	This is a rabbit polyclonal antibody against DDOST. It was validated on Western Blot using a cell lysate as a positive control. Target Description: DDOST is 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. DDOST 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.
Product Categories/Family for anti-DDOST antibody	Polyclonal; Signal Proteins; Membrane Protein; Drugs and Drug Metabolism; Glycosylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	20070197
NCBI GeneID	1650
NCBI Accession #	NP_005207
NCBI GenBank Nucleotide #	NM_005216
UniProt Accession #	Q5VWA5; P39656
Molecular Weight	46kDa
NCBI Official Full Name	dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit
NCBI Official Synonym Full Names	dolichyl-diphosphooligosaccharide--protein glycosyltransferase non-catalytic subunit
NCBI Official Symbol	DDOST
NCBI Official Synonym Symbols	OST; WBP1; AGER1; CDG1R; GATD6; OST48; OKSWcl45
NCBI Protein Information	dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.