

Datasheet for ABIN2782672
anti-DDOST antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	DDOST
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse, Rabbit, Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDOST antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DDOST
Sequence:	SPSVEDFGGN INVETISAFI DGGGSVLVAA SSDIGDPLRE LGSECGIEFD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against DDOST. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	DDOST
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Target Details

Alternative Name:	DDOST (DDOST Products)
Background:	<p>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.</p> <p>Alias Symbols: AGE-R1, KIAA0115, MGC2191, OK/SW-cl.45, OST, OST48, WBP1, AGER1, OKSWcl45</p> <p>Protein Interaction Partner: 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,</p> <p>Protein Size: 456</p>
Molecular Weight:	46 kDa
Gene ID:	1650
NCBI Accession:	NM_005216 , NP_005207
UniProt:	Q5VWA5
Pathways:	Cell RedoxHomeostasis

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 456 AA
Restrictions:	For Research Use only

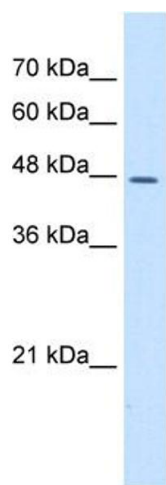
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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



Western Blotting

Image 1. WB Suggested Anti-DDOST Antibody Titration:
5.0ug/ml Positive Control: Jurkat cell lysate