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## anti-DDOST antibody (Center)





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Quantity:	100 μL
Target:	DDOST
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDOST antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

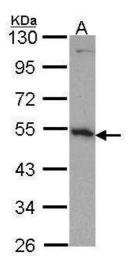
Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human OST48. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Chicken, Dog (Canine), Rat (Rattus), Xenopus laevis, Zebrafish (Danio rerio), Cow (Bovine), Xenopus tropicalis
Cross-Reactivity (Details):	Mouse (96 %), Chicken (93 %), Dog (97 %), Rat (96 %), Xenopus laevis (90 %), Zebrafish (86 %), Bovine (97 %), Xenopus tropicalis (93 %)
Characteristics:	Rabbit polyclonal antibody to OST48 (dolichyl-diphosphooligosaccharide-protein glycosyltransferase) OST48 antibody [C1C3]
Purification:	Purified by antigen-affinity chromatography.

### **Target Details**

Target:	DDOST	
Alternative Name:	OST48 (DDOST Products)	
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 of	
	lipids and are associated with aging and hyperglycemia.	
	Cellular Localization: Endoplasmic reticulum membrane, Single-pass type I membrane protein	
Molecular Weight:	51 kDa	
Gene ID:	1650	
Pathways:	Cell RedoxHomeostasis	
Application Details		
Application Notes:	Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications.	
	*Optimal dilutions/concentrations should be determined by the researcher.Suggested	
	dilutionReferenceWestern blot1:500-1:3000*	
Comment:	Positive Control: A431 , H1299 , HeLa , HepG2	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.94 mg/mL	
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.	
Preservative:	Thimerosal (Merthiolate)	
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE	
	which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw	

cycles.

#### **Images**



#### **Western Blotting**

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A: H1299 10% SDS PAGE OST48 antibody antibody diluted at 1:1000