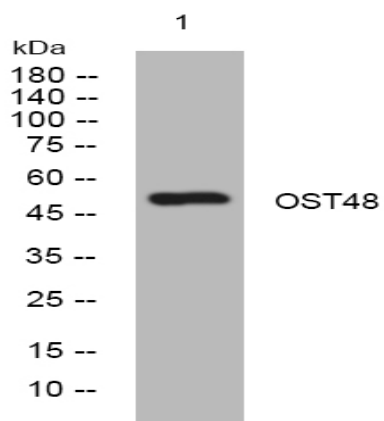


OST48 rabbit pAb

Catalog No :	YT6322
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	OST48
Fields :	>>N-Glycan biosynthesis;>>Various types of N-glycan biosynthesis;>>Metabolic pathways;>>Protein processing in endoplasmic reticulum
Gene Name :	DDOST KIAA0115 OST48 OK/SW-cl.45
Protein Name :	OST48
Human Gene Id :	1650
Human Swiss Prot No :	P39656
Mouse Gene Id :	13200
Mouse Swiss Prot No :	O54734
Rat Gene Id :	313648
Rat Swiss Prot No :	Q641Y0
Immunogen :	Synthesized peptide derived from human OST48 AA range: 54-104
Specificity :	This antibody detects endogenous levels of OST48 at Human/Mouse/Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000

Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	50kD
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 :	catalytic activity:Dolichyl diphosphooligosaccharide + protein L-asparagine = dolichyl diphosphate + a glycoprotein with the oligosaccharide chain attached by N-glycosyl linkage to protein L-asparagine.,caution:It is uncertain whether Met-1 or Met-18 is the initiator.,function:Essential subunit of N-oligosaccharyl transferase enzyme which catalyzes the transfer of a high mannose oligosaccharide to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains.,pathway:Protein modification; protein glycosylation.,similarity:Belongs to the DDOST 48 kDa subunit family.,subunit:Component of the oligosaccharyltransferase (OST) complex. OST seems to exist in different forms which contain at least RPN1, RPN2, OST48, DAD1, OSTC, KRTCAP2 and either STT3A or STT3B. OST can form stable complexes with the Sec61 complex or with both the Sec61 and TRAP complexes even after
Subcellular Location :	Endoplasmic reticulum membrane ; Single-pass type I membrane protein .

Products Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night