

OST48 Rabbit pAb

CatalogNo: YT6322

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB

MW

- 50kD (Calculated)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human OST48 AA range: 54-104

Specificity This antibody detects endogenous levels of OST48 at Human/Mouse/Rat

Target Information

Gene name DDOST KIAA0115 OST48 OK/SW-cl.45

Protein Name OST48

Organism	Gene ID	UniProt ID
Human	1650 ;	P39656 ;
Mouse	13200 ;	O54734 ;
Rat	313648 ;	Q641Y0 ;

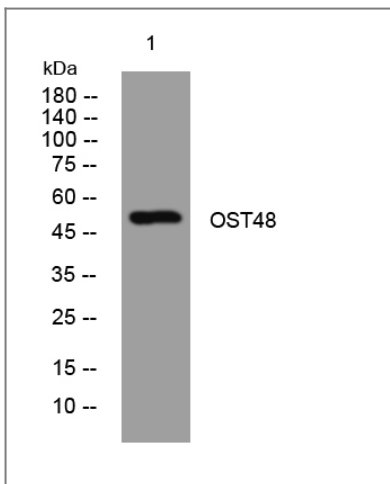
Cellular Localization

Endoplasmic reticulum membrane ; Single-pass type I membrane protein .

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 release from the ribosome.,

Validation Data



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

Contact information

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