

Anti-Ribophorin-1 [CEL5C]

Catalogue number: 153410

Sub-type: Primary antibody

Images:

Contributor

Inventor: Birgit Lane

Institute: University of Dundee

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Ribophorin-1 [CEL5C]

Alternate name: OST1; RBPH1

Class: Monoclonal

Conjugate: Unconjugated

Description: Ribophorin I is an essential subunit of oligosaccharyltransferase (OST), which is also known as dolichyl-diphosphooligosaccharide--protein glycosyltransferase. OST catalyses the transfer of an oligosaccharide from dolichol pyrophosphate to selected asparagine residues of nascent polypeptides as they are translocated into the lumen of the rough endoplasmic reticulum. Ribophorin I and OST48 are thought to be responsible for OST catalytic activity. Both yeast and mammalian proteins are glycosyla...

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Xenopus laevis

Selectivity:

Host: Mouse

Immunogen: Nuclei formed in vitro in Xenopus egg extract

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: ribophorin type 1

Target alternate names:

Target background: Ribophorin I is an essential subunit of oligosaccharyltransferase (OST), which is also known as dolichyl-diphosphooligosaccharide--protein glycosyltransferase. OST catalyses the transfer of an oligosaccharide from dolichol pyrophosphate to selected asparagine residues of nascent polypeptides as they are translocated into the lumen of the rough endoplasmic reticulum. Ribophorin I and OST48 are thought to be responsible for OST catalytic activity. Both yeast and mammalian proteins are glycosyla...

Molecular weight: 65 kDa

Ic50:

Applications

Application: IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Wadosky et al. 2016. J Mol Endocrinol. 56(3):273-90. PMID: 26862156. ; Silva et al. 2014. PLoS One. 9(6):e99897. PMID: 24936870. ; Repair of oxidative DNA damage, cell-cycle regulation and neuronal death may influence the clinical manifestation of Alzheimer's disease. ; Shilkaitis et al. 2013. Cancer Prev Res (Phila). 6(4):299-308. PMID: 23430755. ; Bettencourt-Dias et al. 2003. J Cell Sci. 116(Pt 19):4001-9. PMID: 12928330. ; Barrie et al. 2003. Anal Biochem. 320(1):66-74. PMID: 12895470. ; High-throughput screening for the identification of small-molecule inhibitors of retinoblastoma protein phosphorylation in cells. ; Heterogeneous proliferative potential in regenerative adult newt cardiomyocytes.

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