

USO1 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15125

Specification

USO1 antibody - C-terminal region - Product Information

Application	WB
Primary Accession	O60763
Other Accession	NM_003715 , NP_003706
Reactivity	Human, Rat, Pig, Horse, Dog
Predicted	Human, Rat, Pig, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	108kDa KDa

USO1 antibody - C-terminal region - Additional Information

Gene ID 8615

Alias Symbol P115, TAP, VDP

Other Names

General vesicular transport factor p115, Protein USO1 homolog, Transcytosis-associated protein, TAP, Vesicle-docking protein, USO1, VDP

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-USO1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

USO1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

USO1 antibody - C-terminal region - Protein Information

Name USO1

Synonyms VDP

Function

General vesicular transport factor required for intercisternal transport in the Golgi stack; it is required for transcytotic fusion and/or subsequent binding of the vesicles to the target membrane. May well act as a vesicular anchor by interacting with the target membrane and holding the vesicular and target membranes in proximity.

Cellular Location

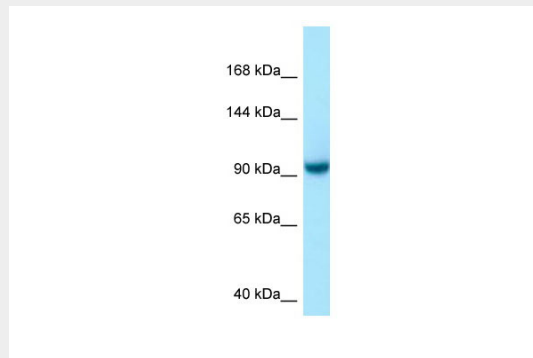
Cytoplasm, cytosol. Golgi apparatus membrane; Peripheral membrane protein. Note=Recycles between the cytosol and the Golgi apparatus during interphase. During interphase, the phosphorylated form is found exclusively in cytosol; the unphosphorylated form is associated with Golgi apparatus membranes

USO1 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

USO1 antibody - C-terminal region - Images



WB Suggested Anti-USO1 Antibody Titration: 1.0 µg/ml

Positive Control: 293T Whole Cell USO1 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells

USO1 antibody - C-terminal region - References

- Sohda M., et al. J. Biol. Chem. 273:5385-5388(1998).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Bechtel S., et al. BMC Genomics 8:399-399(2007).
Hillier L.W., et al. Nature 434:724-731(2005).
Olsen J.V., et al. Cell 127:635-648(2006).