

USO1 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15126**Specification**

USO1 Antibody - N-terminal region - Product Information

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

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

USO1 Antibody - N-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.

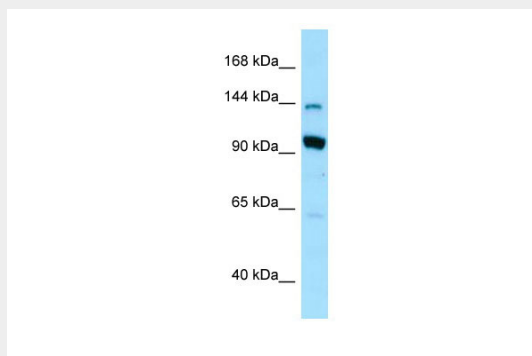
Cellular Location

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 - N-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 - N-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 - N-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).