

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

**Specification**

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**USO1 Antibody - N-terminal region - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O60763</a>
Other Accession	<a href="#">NM_003715</a> , <a href="#">NP_003706</a>
Reactivity	<b>Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog</b>
Predicted	<b>Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>108kDa KDa</b>

**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

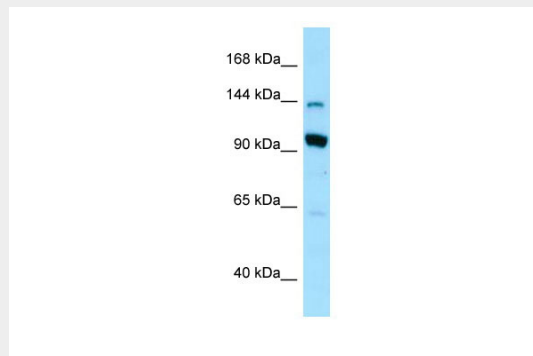
Cytoplasm, cytosol. Golgi apparatus membrane; Peripheral membrane protein. Note=Recycles between the cytosol and the Golgi apparatus during interphase. During interphase, the phosphorylated form is found exclusively in cytosol; the unphosphorylated form is associated with Golgi apparatus membranes

### 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).