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USO1 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15126

Product Information

Application	WB
Primary Accession	O60763
Other Accession	NM_003715, NP_003706
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	107895

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.

Protein Information

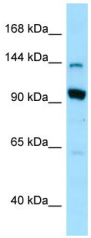
Name	USO1
Synonyms	VDP
Function	General vesicular transport factor required for intercisternal transport in the Golgi stack; it is required for transcytotic fusion and/or subsequent binding of the vesicles to the target membrane. May well act as a vesicular anchor by interacting with the target membrane 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

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).

Images



WB Suggested Anti-USO1 Antibody Titration: 1.0 µg/ml
Positive Control: 293T Whole CellUSO1 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells