

USO1

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF IP

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW: 108kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human USO1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

j

Synonym:

TAP;VDP;P115;

Catalog #: A2796

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 8615

Isotype: IgG

Swiss Prot: O60763

Purity: Affinity purification

For research use only.

Background:

The protein encoded by this gene is a peripheral membrane protein which recycles between the cytosol and the Golgi apparatus during interphase. It is regulated by phosphorylation: dephosphorylated protein associates with the Golgi membrane and dissociates from the membrane upon phosphorylation. Ras-associated protein 1 recruits this protein to coat protein complex II (COPII) vesicles during budding from the endoplasmic reticulum, where it interacts with a set of COPII vesicle-associated SNAREs to form a cis-SNARE complex that promotes targeting to the Golgi apparatus. Transport from the ER to the cis/medial Golgi compartments requires the action of this gene product, GM130 and giantin in a sequential manner.

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