### **USO1 Polyclonal Antibody**

Catalog No. E-AB-60786

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	A synthetic peptide of human USO1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applications	Recommended Dilution
WB	1:500-1:2000
ІНС	1:50-1:200
IF	1:50-1:200
Data	



Western blot analysis of extracts of various cell lines using USO1 Polyclonal Antibody at dilution of 1:500. Observed Mw:115kDa Calculated Mw:107kDa/109kDa



Immunohistochemistry of paraffin-embedded Human tonsil using USO1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human lung cancer using USO1 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human colon carcinoma using USO1 Polyclonal Antibody at dilution of 1:100 (40x lens).

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## Immunofluorescence analysis of HeLa cells using USO1 Polyclonal Antibody

### Preparation & Storage

Storage

Store at -20°C. Avoid freeze / thaw cycles.

#### 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. Alternative splicing results in multiple transcript variants.