

USO1 Polyclonal Antibody

catalog number: **E-AB-66683**

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

Description

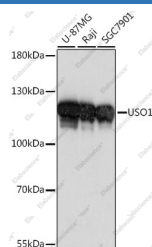
Reactivity	Human;Rat
Immunogen	Recombinant fusion protein of human USO1 (NP_003706.2).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

WB	1:500-1:2000
IF	1:50-1:100

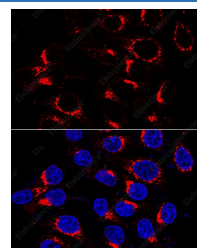
Data



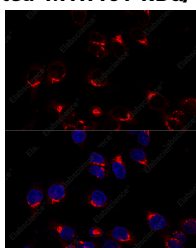
Western blot analysis of extracts of various cell lines using USO1 Polyclonal Antibody at dilution of 1:1000.

Observed-MW:108 kDa

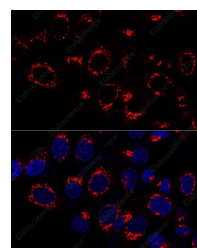
Calculated-MW: 107 kDa/109 kDa



Immunofluorescence analysis of HeLa cells using USO1 Polyclonal Antibody at dilution of 1:200 (60x lens). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of HeLa cells using USO1 Polyclonal Antibody at dilution of 1:200. Blue: USO1 Polyclonal Antibody at dilution of 1:50. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of HeLa cells using USO1 Polyclonal Antibody at dilution of 1:200. Blue: USO1 Polyclonal Antibody at dilution of 1:50. Blue: DAPI for nuclear staining.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.8

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.