

Datasheet for ABIN7271235  
**anti-USO1 antibody (AA 663-962)**



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3 Images

## Overview

Quantity:	100 µL
Target:	USO1
Binding Specificity:	AA 663-962
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This USO1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Purpose:	USO1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 663-962 of human USO1 (NP_003706.2).
Sequence:	DLQLEELRQQ VSTLKCQNEQ LQTAVTQQVS QIQQHKDQYN LLKIQLGKDN QHQGSYSEGA QMNGIQPEEI GRLREEIEEL KRNQELLQSQ LTEKDSMIEN MKSSQTSGTN EQSSAIVSAR DSEQVAELKQ ELATLKSQLN SQSVEITKLQ TEKQELLQKT EAFAKSVEVQ GETETIIATK TTDVEGRLSA LLQETKELKN EIKALSEERT AIKEQLDSSN STIAILQTEK DKLELEITDS KKEQD DLLVL LADQDQKILS LKNKLDLGH PVEEDELES GDQEDEDDES EDPGKDL DHI
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Characteristics:	Polyclonal Antibodies

## Product Details

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Purification: Affinity purification

## Target Details

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Target: US01

Alternative Name: US01 ([US01 Products](#))

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.,US01,P115,TAP,VDP,Epigenetics & Nuclear Signaling,RNA Binding,Signal Transduction,US01

Molecular Weight: 107kDa/109kDa

Gene ID: 8615

UniProt: [060763](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100

Restrictions: For Research Use only

## Handling

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Format: Liquid

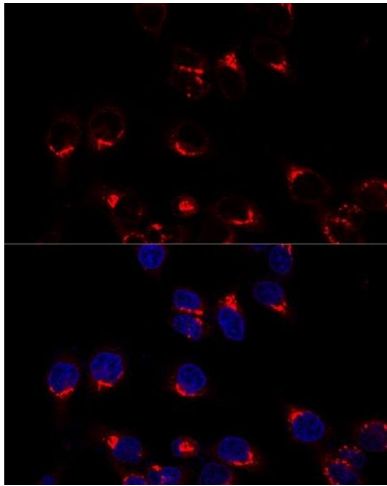
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

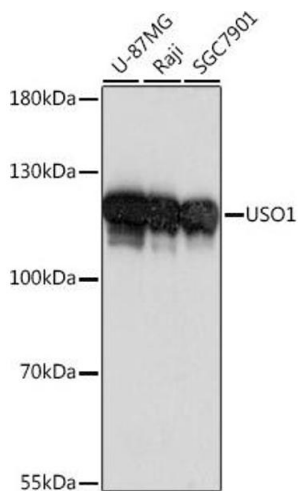
Storage: -20 °C

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



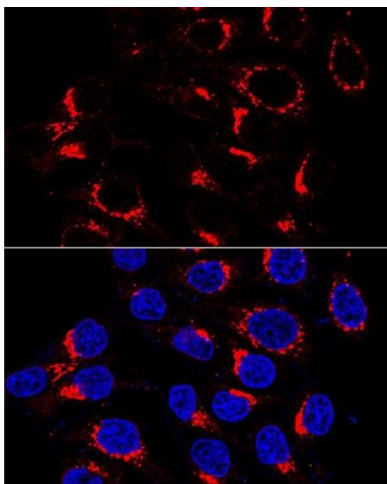
### Immunofluorescence

**Image 1.** Confocal immunofluorescence analysis of HeLa cells using USO1 antibody (ABIN7271235) at dilution of 1:200. Blue: DAPI for nuclear staining.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using USO1 antibody (ABIN7271235) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



### Immunofluorescence

**Image 3.** Immunofluorescence analysis of HeLa cells using USO1 antibody (ABIN7271235) at dilution of 1:200 (60x lens). Blue: DAPI for nuclear staining.