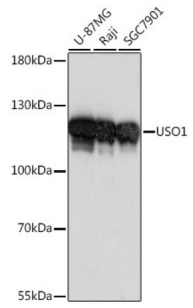
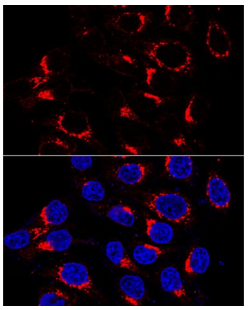
USO1 Vesicle Transport Factor (USO1) Antibody

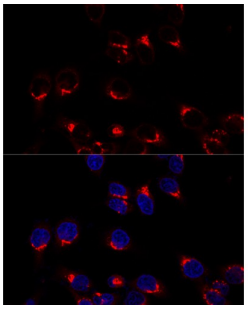
Catalogue No.:abx002098



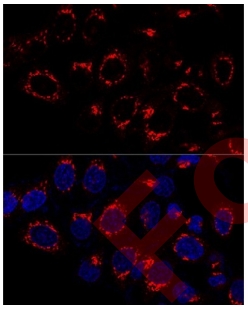
Western blot analysis of extracts of various cell lines using USO1 Antibody (1/1000 dilution).



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



Confocal immunofluorescence analysis of Hela cells using USO1 Antibody (1/200 dilution). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of HeLa cells using USO1 Antibody (1/50 dilution). Blue: DAPI for nuclear staining.

USO1 Antibody is a Rabbit Polyclonal antibody against USO1. 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.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com

Datasheet

Version: 4.0.0
Revision date: 10 Sep 2025

Target:	USO1 Vesicle Transport Factor (USO1)
Clonality:	Polyclonal
Reactivity:	Human, Rat
Tested Applications:	WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/100. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human USO1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	O60763 (UniProt, ExPASy)
Gene Symbol:	USO1
GeneID:	8615
KEGG:	hsa:8615
String:	9606.ENSP00000444850
Molecular Weight:	Calculated MW: 107 kDa/109 kDa Observed MW: 108 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Abbexa LTD, Cambridge, UK · Phone: +44 (0) 1223 755950 · Fax: +44 (0) 1223 755951
Abbexa LLC, Houston, TX USA · Phone: +1 832 327 7413
Abbexa BV, Leiden, NL
Website: www.abbexa.com · Email: info@abbexa.com