Product Datasheet

USO1 antibody

Catalog No: #38470

Package Size: #38470-1 50ul #38470-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

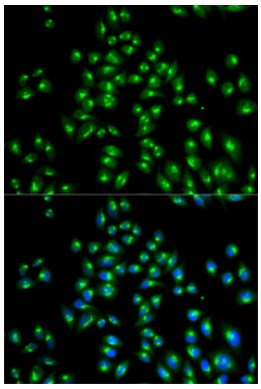
Description

Product Name	USO1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total USO1 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human USO1.
Target Name	USO1
Other Names	TAP;VDP;P115;
Accession No.	Swiss-Prot#: O60763NCBI Gene ID: 8615
Uniprot	O60763
GeneID	8615;
SDS-PAGE MW	108kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

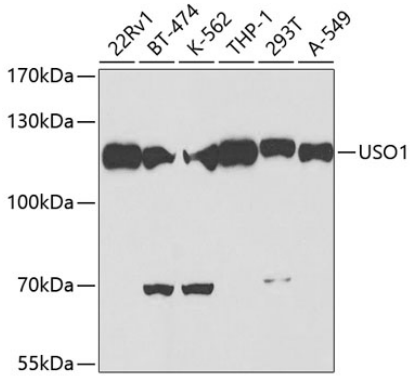
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

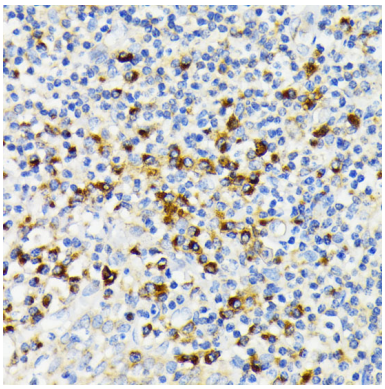
Images



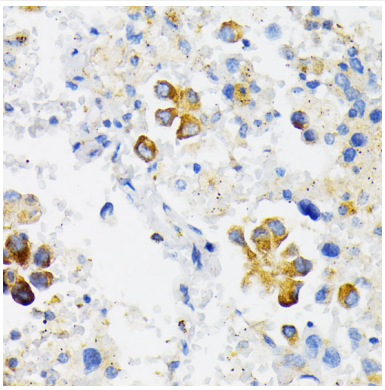
Immunofluorescence analysis of HeLa cells using USO1 .
Blue: DAPI for nuclear staining.



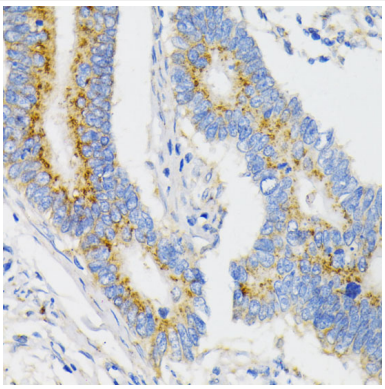
Western blot analysis of extracts of various cell lines, using USO1 at 1:500 dilution.



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



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



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

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.

Note: This product is for in vitro research use only