

Rabbit anti-Human, Rat USO1 Polyclonal Antibody | anti-USO1 antibody

USO1 Rabbit pAb

CATALOG # AAA281616	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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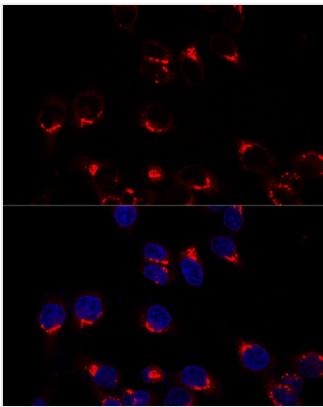
PRODUCT SYNONYMS

USO1; Polyclonal Antibody; USO1 Rabbit pAb; P115; TAP; VDP; anti-USO1 antibody

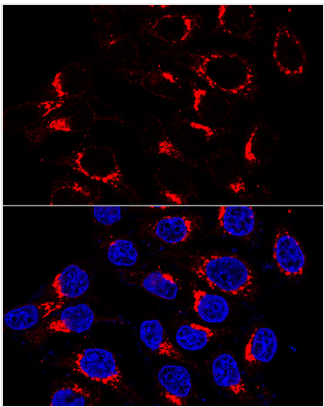
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	DLQLEELRQQ VSTLKCQNEQ LQTAVTQQVS QIQQHKDQYN LLKIQLGKDN QHQGSYSEGA QMNGIQPEEI GRLREEIEEL KRNQELLQSQ LTEKDSMIEN MKSSQTSBTN EQSSAIVSAR DSEQVAELKQ ELATLKSQIN SQSVEITKLQ TEKQELLQKT EAFKSVEVQ GETETIATK TTDVEGRISA LLQETKELKN EIKALSEERT AIKEQLDSSN STAILQTEK DKLELEITDS KKEQDILLVL LADQDQKILS LKNKLKDLGH PVEEEDLES GDQEDEDDES EDPGKDL DHI
Applicable Applications for anti-USO1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 663-962 of human USO1 (NP_003706.2).
Cellular Location	Cytoplasm, Golgi apparatus membrane, Peripheral membrane protein, cytosol
Positive Samples	U-87MG, Raji, SGC7901
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

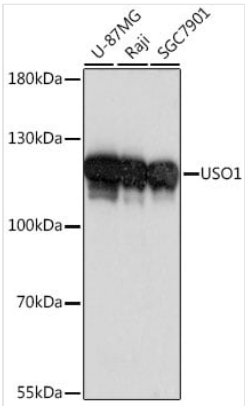
IMAGES



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



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



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using USO1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-USO1 antibody	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.
Product Categories/Family for anti-USO1 antibody	Epigenetics & Nuclear Signaling; RNA Binding

NCBI AND UNIPROT INFORMATION

NCBI GI #	143743108
NCBI GeneID	8615
UniProt Accession #	O60763; Q6PK63; Q86TB8; Q8N592; B2RAQ0
Molecular Weight	962
NCBI Official Full Name	General vesicular transport factor p115
NCBI Official Synonym Full Names	USO1 vesicle transport factor

NCBI Official Symbol	USO1
NCBI Official Synonym Symbols	TAP; VDP; P115
NCBI Protein Information	general vesicular transport factor p115; vesicle docking protein p115; transcytosis associated protein; USO1 vesicle docking protein homolog
UniProt Protein Name	General vesicular transport factor p115
UniProt Gene Name	USO1
UniProt Synonym Gene Names	VDP; TAP
UniProt Entry Name	USO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/uso1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281616>