

Anti-USO1 antibody (663-962) (STJ118519)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

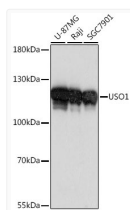
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:100 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 108kDa Observed Mw: 108kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

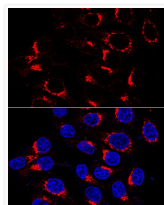
Gene ID	8615
Gene Symbol	USO1
UniProt ID	USO1_HUMAN
Immunogen Region	663-962
Immunogen Sequence	DLQLEELRQQVSTLKCQNEQ LQTAVTQQVSOIQQHKDQYN LLKIQLGKDNQHQGSYSEGA QMNGIQPEEIGRLREEIEEL KRNQELLQSQLTEKDSMIEN MKSSQTSQTNEQSSAIVSAR DSEQVAELKQELATLKSQNLN SQSVEITKLQTEKQELLQKT EAFKSVSEVQGETETIATK TTDVEGRLSALLQETKELKN EIKALSEERTAIKEQLDSSN STAILQTEKDKLELEITD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 663-962 of human USO1 (NP_003706.2).

ADDITIONAL INFORMATION

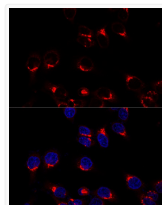
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



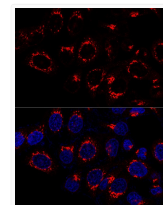
Western blot analysis of extracts of various cell lines, using USO1 antibody (STJ118519) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunofluorescence analysis of HeLa cells using USO1 antibody (STJ118519) at dilution of 1:200 (60x lens). Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of HeLa cells using USO1 antibody (STJ118519) at dilution of 1:200. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of HeLa cells using USO1 Polyclonal Antibody (STJ118519) at dilution of 1:50. Blue: DAPI for nuclear staining.