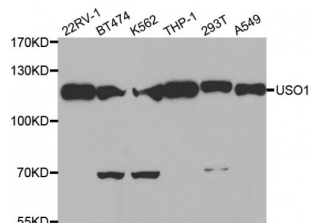


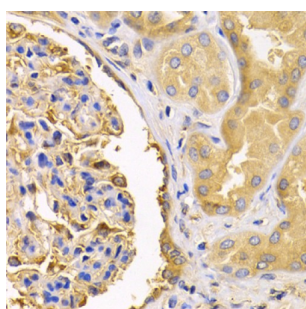
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USO1 Vesicle Transport Factor (USO1) Antibody

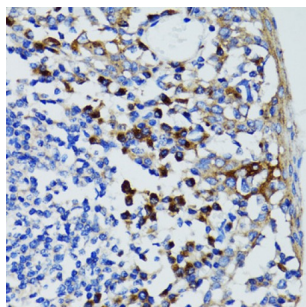
Catalogue No.: abx002098



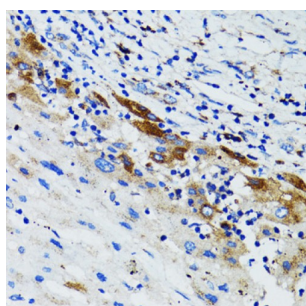
Western blot analysis of extracts of various cell lines, using USO1 antibody (abx002098) at 1/500 dilution.



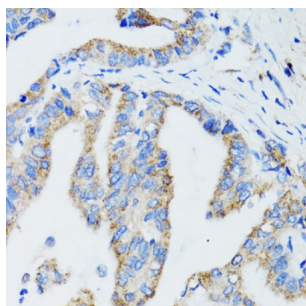
Immunohistochemistry of paraffin-embedded human kidney using USO1 antibody (abx002098) at dilution of 1/200 (40x lens).



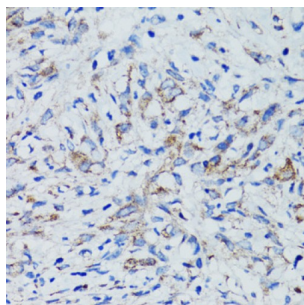
Immunohistochemistry of paraffin-embedded human tonsil using USO1 antibody (abx002098) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver cancer using USO1 antibody (abx002098) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human gastric cancer using USO1 antibody (abx002098) at dilution of 1/100 (40x lens).



Immunohistochemistry of paraffin-embedded human uterine cancer using USO1 antibody (abx002098) at dilution of 1/100 (40x lens).

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.

Target: USO1

Reactivity: Human, Mouse

Host: Rabbit

Clonality: Polyclonal

Tested Applications: WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: A synthetic peptide of human USO1.

Purification: Affinity purified.

Form: Liquid

Isotype: IgG

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: Calculated MW: 107 kDa/109 kDa
Observed MW: 115 kDa

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Swiss Prot: [O60763](#)

GeneID: [8615](#)

Gene Symbol: USO1

Concentration: > 1 mg/ml

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

Note: This product is for research use only.