

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

USO1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289400	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

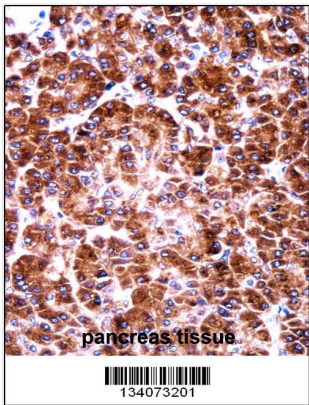
PRODUCT SYNONYMS

USO1; Polyclonal Antibody; USO1 Antibody (C-term); General vesicular transport factor p115; Protein USO1 homolog; Transcytosis-associated protein; TAP; Vesicle-docking protein; VDP; anti-USO1 antibody

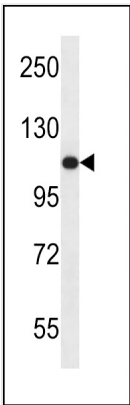
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This USO1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 932-960 amino acids from the C-terminal region of human USO1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	932-960
Sequence Length	973
Applicable Applications for anti-USO1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
USO1 Antibody (C-term) (AAA289400)immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of USO1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
USO1 Antibody (C-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the USO1 antibody detected the USO1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-USO1 antibody	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.
Product Categories/Family for anti-USO1 antibody	Signal Transduction
References	Striegl, H., et al. PLoS ONE 5 (2), E8991 (2010) : Merk, M., et al. J. Immunol. 182(11):6896-6906(2009) Mukherjee, S., et al. J. Biol. Chem. 284(3):1709-1717(2009) Striegl, H., et al. PLoS ONE 4 (2), E4656 (2009) : Guo, Y., et al. Mol. Biol. Cell 19(7):2830-2843(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505541
NCBI GeneID	8615
NCBI Accession #	NP_003706.1
NCBI GenBank Nucleotide #	NM_003715.2
UniProt Accession #	O60763; Q6PK63; Q86TB8; Q8N592; B2RAQ0
Molecular Weight	107895
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
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://www.aaabiotech.com/polyclonal/uso1-antibody-immunohistochemistry-western-blot-elisa/289400>