

Rabbit anti-Human UAP1 Polyclonal Antibody | anti-UAP1 antibody

UAP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232860	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

UAP1; Polyclonal Antibody; UAP1 Antibody; UDP-N-acetylhexosamine pyrophosphorylase; Antigen X; AGX; Sperm-associated antigen 2; UDP-N-acetylgalactosamine pyrophosphorylase; AGX-1; UDP-N-acetylglucosamine pyrophosphorylase; AGX-2; SPAG2; anti-UAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	505
Applicable Applications for anti-UAP1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human UDP-N-acetylhexosamine pyrophosphorylase protein (1-522AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunofluorescent analysis of A549 cells using AAA232860 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human small intestine tissue using AAA232860 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: HepG2 whole cell lysate, Jurkat whole cell lysate, A549 whole cell lysateAll lanes: UAP1 antibody at 2.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 59,58 KDaObserved band size: 59 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-UAP1 antibody	Converts UTP and GlcNAc-1-P into UDP-GlcNAc, and UTP and GalNAc-1-P into UDP-GalNAc. Isoform AGX1 has 2 to 3 times higher activity towards GalNAc-1-P, while isoform AGX2 has 8 times more activity towards GlcNAc-1-P.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1022943292
NCBI GeneID	6675
NCBI Accession #	NP_001311042.1
NCBI GenBank Nucleotide #	NM_001324113.1
UniProt Accession #	Q16222; Q5VTA9; Q5VTB0; Q5VTB1; Q96GM2; B2R6R8
Molecular Weight	58,682 Da
NCBI Official Full Name	UDP-N-acetylhexosamine pyrophosphorylase isoform a
NCBI Official Synonym Full Names	UDP-N-acetylglucosamine pyrophosphorylase 1
NCBI Official Symbol	UAP1
NCBI Official Synonym Symbols	AGX; AGX1; AGX2; SPAG2
NCBI Protein Information	UDP-N-acetylhexosamine pyrophosphorylase
UniProt Protein Name	UDP-N-acetylhexosamine pyrophosphorylase
UniProt Gene Name	UAP1
UniProt Synonym Gene Names	SPAG2; AGX
UniProt Entry Name	UAP1_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/uap1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232860>