

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

Rabbit anti-UAP1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213368	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

UAP1; Polyclonal Antibody; Rabbit anti-UAP1 Antibody; Affinity Purified; antigen X; UDP-N-acetylhexosamine pyrophosphorylase 1; UDP-N-acetylhexosamine pyrophosphorylase; UDP-N-acetylglucosamine pyrophosphorylase; UDP-N-acetylglucosamine diphosphorylase 1; UDP-N-acetylgalactosamine pyrophosphorylase; testis tissue sperm-binding protein Li 37a; Sperm-associated antigen 2; SPAG2; AGX-2; AGX2; AGX-1; AGX1; AGX; sperm associated antigen 2; UDP-N-acetylglucosamine pyrophosphorylase 1; anti-UAP1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-UAP1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 472 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse UAP1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-UAP1 antibody (AAA213368 lot 1) used for WB at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human UAP1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-UAP1 antibody (AAA213368 lot 1) used for IP at 2 ug per reaction. UAP1 was also immunoprecipitated by rabbit anti-UAP1 antibody For blotting immunoprecipitated UAP1, AAA213368 was used at 0.1 mg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-UAP1 antibody	UDP-N-acetylglucosamine pyrophosphorylase 1 (UAP1) 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 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q16222].
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156627575
NCBI GeneID	6675
NCBI Accession #	NP_003106.3
NCBI GenBank Nucleotide #	NM_003115.4
UniProt Accession #	Q16222; Q5VTA9; Q5VTB0; Q5VTB1; Q96GM2; B2R6R8
Molecular Weight	58,769 Da
NCBI Official Full Name	UDP-N-acetylhexosamine pyrophosphorylase
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; antigen X; sperm associated antigen 2; sperm-associated antigen 2
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-immunoprecipitation-western-blot-elisa/213368>