Rabbit anti-Human ATP5H Polyclonal Antibody | anti-ATP5H antibody

Rabbit anti-ATP5H Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213285	**Rabbit**	**Human**	**Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

ATP5H; Polyclonal Antibody; Rabbit anti-ATP5H Antibody; Affinity Purified; APT5H; ATP synthase; H+ transporting; mitochondrial Fo complex; subunit d; My032 protein; ATPQ; ATPase subunit d; mitochondrial Fo complex subunit D; mitochondrial F1F0; mitochondrial F0 complex; ATP synthase subunit d; mitochondrial; ATP synthase D chain; ATP synthase peripheral stalk subunit d; anti-ATP5H antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
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-ATP5H antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 111 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 ATP5H by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ATP5H antibody AAA213285 (lot AAA213285-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

IP (Immunoprecipitation)
Detection of human ATP5H by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ATP5H antibody AAA213285 (lot AAA213285-1) used for IP at 6 ug per reaction. ATP5H was also immunoprecipitated by rabbit anti-ATP5H antibody For blotting immunoprecipitated ATP5H, AAA213285 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5H antibody	Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The Fo seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). ATP5H is the d subunit of the Fo complex [taken from NCBI Entrez Gene (Gene ID: 10476)].

Product Categories/Family for anti-ATP5H antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453559
NCBI GeneID	10476
NCBI Accession #	NP_006347.1
NCBI GenBank Nucleotide #	NM_006356.2
UniProt Accession #	O75947
NCBI Official Full Name	ATP synthase subunit d, mitochondrial isoform a
NCBI Official Synonym Full Names	ATP synthase peripheral stalk subunit d
NCBI Official Symbol	ATP5PD
NCBI Official Synonym Symbols	ATPQ; APT5H; ATP5H
NCBI Protein Information	ATP synthase subunit d, mitochondrial
UniProt Protein Name	ATP synthase subunit d, mitochondrial
UniProt Gene Name	**ATP5H**
UniProt Synonym Gene Names	ATPase subunit d
UniProt Entry Name	ATP5H_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/atp5h-antibody-immunoprecipitation-western-blot-elisa/213285