

Rabbit anti-Human, Mouse ATP5O Polyclonal Antibody | anti-ATP5O antibody

Rabbit anti-ATP5O Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213258	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

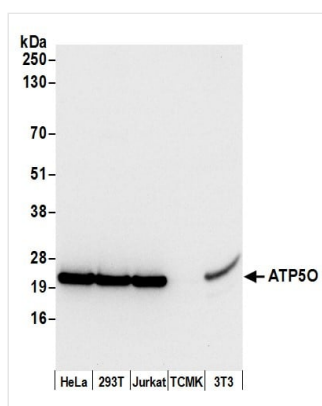
PRODUCT SYNONYMS

ATP5O; Polyclonal Antibody; Rabbit anti-ATP5O Antibody; Affinity Purified; ATPO; OSCP; oligomycin sensitivity conferring protein; oligomycin sensitivity conferral protein oscp-like protein; Oligomycin sensitivity conferral protein; HMC08D05; ATP synthase; H+ transporting; mitochondrial F1 complex; O subunit; ATP synthase subunit O; mitochondrial; ATP synthase peripheral stalk subunit OSCP; human ATP synthase OSCP subunit; anti-ATP5O antibody

PRODUCT SPECIFICATIONS

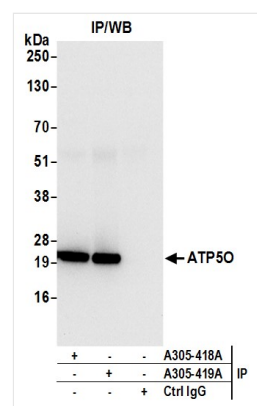
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-ATP5O antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 163 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 ATP5O 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-ATP5O antibody AAA213258 (lot AAA213258-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



IP (Immunoprecipitation)

Detection of human ATP5O 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-ATP5O antibody AAA213258 (lot AAA213258-1) used for IP at 6 ug per reaction. ATP5O was also immunoprecipitated by rabbit anti-ATP5O antibody For blotting immunoprecipitated ATP5O, AAA213258 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5O antibody	ATP5O is a component of the F-type ATPase found in the mitochondrial matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. ATP5O appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton conductance [taken from NCBI Entrez Gene (Gene ID: 539)].
Product Categories/Family for anti-ATP5O antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502303
NCBI GeneID	539
NCBI Accession #	NP_001688.1
NCBI GenBank Nucleotide #	NM_001697.2
UniProt Accession #	P48047; Q5U042; Q6IBI2; B2R4E2
Molecular Weight	23,277 Da
NCBI Official Full Name	ATP synthase subunit O, mitochondrial
NCBI Official Synonym Full Names	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, O subunit
NCBI Official Symbol	ATP5O
NCBI Official Synonym Symbols	ATPO; OSCP
NCBI Protein Information	ATP synthase subunit O, mitochondrial; human ATP synthase OSCP subunit; oligomycin sensitivity conferral protein; oligomycin sensitivity conferring protein
UniProt Protein Name	ATP synthase subunit O, mitochondrial
UniProt Gene Name	ATP5O
UniProt Synonym Gene Names	ATPO; OSCP
UniProt Entry Name	ATPO_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/atp5o-antibody-immunoprecipitation-western-blot-elisa/213258>