

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

Anti-ATP5O Antibody (aa44-73) IHC-plus

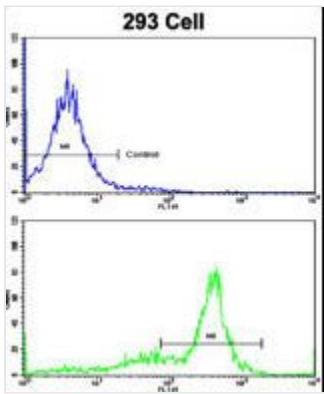
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162162	Rabbit	Human	Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

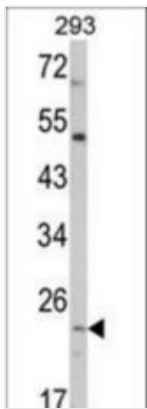
ATP5O; Polyclonal Antibody; Anti-ATP5O Antibody (aa44-73) IHC-plus; Rabbit Polyclonal to Human ATP5O; Human ATP5O; ATPO; OSCP; anti-ATP5O antibody

PRODUCT SPECIFICATIONS

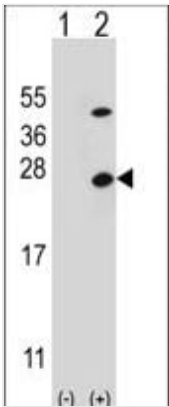
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human ATP5O
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	213
Applicable Applications for anti-ATP5O antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	ATP5O antibody was raised against KLH-conjugated synthetic peptide from N-terminal region of human ATP5O.
Immunogen Description	KLH-conjugated synthetic peptide from N-terminal region of human ATP5O.
Immunogen Type	Synthetic peptide
Antigen Modification	aa44-73
Target Species	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.



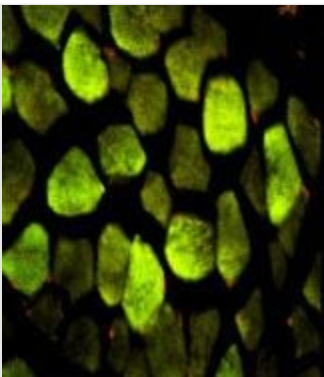
FCM/FACS (Flow Cytometry)
Flow cytometric of 293 cells using ATP5O Antibody (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



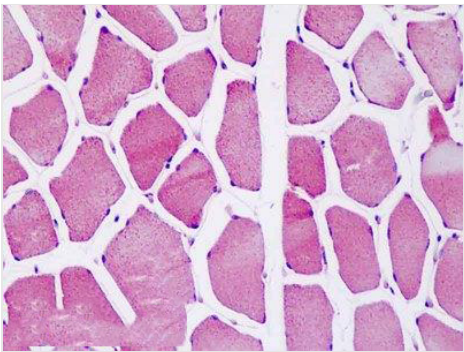
WB (Western Blot)
Western blot of ATP5O Antibody in 293 cell line lysates (35 ug/lane). ATP5O (arrow) was detected using the purified antibody.



WB (Western Blot)
Western blot of ATP5O (arrow) using rabbit polyclonal ATP5O Antibody. 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ATP5O gene.



IF (Immunofluorescence)
Immunofluorescence of ATP5O Antibody with paraffin-embedded human skeletal muscle. 0.05 mg/ml primary antibody was followed by FITC-conjugated goat anti-rabbit IgG (whole molecule). FITC emits green fluorescence.Red counterstaining is PI.



IHC (Immunohistochemistry)
Anti-ATP5O antibody IHC staining of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5O antibody

ATP5O Antibody, ATP5O Antibody, OSCP Antibody Description: Mitochondrial membrane ATP synthase (F1F0 ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F1 - containing the extramembraneous catalytic core and F0 - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk.

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; HMC08D05
NCBI Protein Information	ATP synthase subunit O, mitochondrial
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-flow-cytometry-western-blot-immunofluorescence-immunohistochemistry-elisa/162162>