

Mouse ATP5A1 Monoclonal Antibody | anti-ATP5A1 antibody

ATP5A1 Mouse Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA102700	Mouse	Human, Mouse, Rat, Monkey	Flow Cytometry, Functional Assay, Western Blot, Immunofluorescence, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

ATP5A1; Monoclonal Antibody; ATP5A1 Mouse Monoclonal; anti-ATP5A1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Monoclonal
Isotype	IgG1
Purity/Purification	>=95% as determined by SDS-PAGE Protein A+G purification
Form/Format	Liquid
Sequence Length	503
Applicable Applications for anti-ATP5A1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle
Preparation and Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20 degree C for 24 months (Avoid repeated freeze / thaw cycles.)

IMAGES



WB (Western Blot)

HepG2 cells were subjected to SDS PAGE followed by western blot with AAA102700 (ATP5A1 antibody) at dilution of 1:1000



IP (Immunoprecipitation)

IP Result of anti-ATP5A1 (IP: AAA102700, 5ug; Detection: AAA102700 1:500) with mouse heart tissue lysate 4000ug.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart using AAA102700 (ATP5A1 antibody) at dilution of 1:50

NCBI AND UNIPROT INFORMATION

NCBI GI #	382546190
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NCBI GeneID	498
NCBI Accession #	NP_001244264.1
NCBI GenBank Nucleotide #	NM_001257335.1
Molecular Weight	57,547 Da
NCBI Official Full Name	ATP synthase subunit alpha, mitochondrial isoform c
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial F1 complex, alpha subunit 1, cardiac muscle
NCBI Official Symbol	ATP5A1
NCBI Official Synonym Symbols	OMR; ORM; ATPM; MOM2; ATP5A; hATP1; MC5DN4; ATP5AL2; COXPD22; HEL-S-123m
NCBI Protein Information	ATP synthase subunit alpha, mitochondrial
UniProt Protein Name	ATP synthase subunit alpha, mitochondrial
UniProt Gene Name	ATP5A1
UniProt Synonym Gene Names	ATP5A; ATP5AL2; ATPM
UniProt Entry Name	ATPA_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/monoclonal/atp5a1-antibody-flow-cytometry-western-blot-immunofluorescence-immunohistochemistry-elisa/102700>