

Goat ATP5A1 Polyclonal Antibody | anti-ATP5A1 antibody

Goat anti-ATP5A1 Antibody

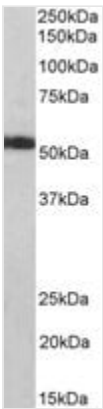
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61705	Goat	Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow	Western Blot, ELISA

PRODUCT SYNONYMS

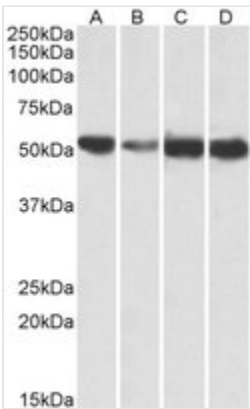
ATP5A1; Polyclonal Antibody; Goat anti-ATP5A1 Antibody; ATP synthase; H⁺ transporting; mitochondrial F1 complex; alpha subunit 1; cardiac muscle; ATP5A; ATP5AL2; ATPM; MOM2; OMR; ORM; hATP1; ATP synthase alpha chain; mitochondrial; ATP synthase subunit alpha; H⁺ transportin; ATP5A1 antibody; cardiac muscle antibody; ATP5A antibody; ATP5AL2 antibody; ATPM antibody; MOM2 antibody; OMR antibody; ORM antibody; hATP1 antibody; mitochondrial antibody; H⁺ transportin antibody; anti-ATP5A1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Tested: Human, Mouse, Rat, Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	RVHGLRNVQA EE
Sequence Length	553
Applicable Applications for anti-ATP5A1 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-RVHGLRNVQAEE, from the internal region (near N terminus) of the protein sequence according to NP_004037.1; NP_001244263.1; NP_001001935.1.
Epitope	Internal region (near N Terminus)
Note	This antibody is expected to recognize all reported isoforms (NP_004037.1; NP_001244263.1; NP_001001935.1). Reported variants represent identical protein: NP_001244264.1, NP_001001935.1. Reported variants represent identical protein: NP_004037.1, NP_001001937.1.
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.



WB (Western Blot)
0. 01ug/ml staining of Pig Heart lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



WB (Western Blot)
0. 01ug/ml staining of Human (A), fetal Mouse (B), adult Mouse (C) and adult Rat (D) Heart lysates (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757810
NCBI GeneID	498
NCBI Accession #	NP_004037.1; NP_001244263.1; NP_001001935.1
NCBI GenBank Nucleotide #	NM_004046.5
Molecular Weight	57,547 Da
NCBI Official Full Name	ATP synthase subunit alpha, mitochondrial isoform a
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.