

Rabbit ATP synthase delta Polyclonal Antibody | anti-ATP antibody

ATP synthase delta antibody

CATALOG # AAA107594	HOST Rabbit	APPLICATIONS Western Blot
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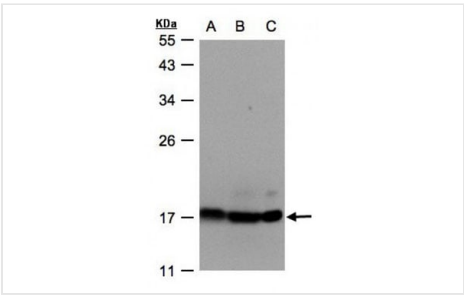
PRODUCT SYNONYMS

ATP synthase delta; Polyclonal Antibody; ATP synthase delta antibody; Polyclonal ATP synthase delta; Anti-ATP synthase delta; ATP synthase subunit delta mitochondrial; mitochondrial ATP synthase complex delta-subunit precursor; ATP5D; F-ATPase delta subunit; mitochondrial ATP synthase delta subunit; anti-ATP antibody

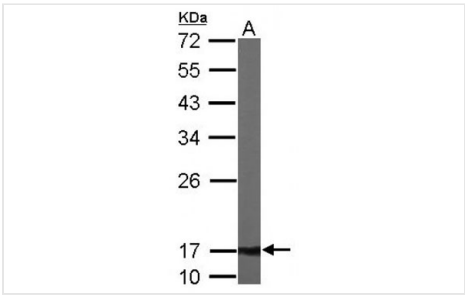
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	ATP synthase delta antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.66 mg/ml (varies by lot)
Sequence Length	168
Applicable Applications for anti-ATP antibody	WB (Western Blot)
Biological Significance	This gene encodes a subunit of mitochondrial ATP synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. The proton channel consists of three main subunits (a, b, c). This gene encodes the delta subunit of the catalytic core.
Cross-Reactivity	Human, Mouse
Immunogen	ATP synthase delta antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 1 and 168 of ATP synthase delta
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of 30 ug whole cell lysate (A: Hep G2; B: MOLT4; C: Raji) using a 12 % SDS PAGE gel and ATP synthase delta antibody at a dilution of 1:500



WB (Western Blot)
Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 12 % SDS PAGE gel and ATP synthase delta antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-ATP antibody	Affinity purified Rabbit polyclonal ATP synthase delta antibody
Product Categories/Family for anti-ATP antibody	Proteases; Inhibitors; & Enzymes; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	50345991
NCBI GeneID	513
NCBI Accession #	NP_001001975.1
NCBI GenBank Nucleotide #	NM_001001975.1
UniProt Accession #	P30049; Q6FG90; D6W5Y3
Molecular Weight	17 kDa
NCBI Official Full Name	ATP synthase subunit delta, mitochondrial
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial F1 complex, delta subunit
NCBI Official Symbol	ATP5D
NCBI Protein Information	ATP synthase subunit delta, mitochondrial
UniProt Protein Name	ATP synthase subunit delta, mitochondrial
UniProt Gene Name	ATP5D
UniProt Entry Name	ATPD_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/atp-synthase-delta-antibody-western-blot-elisa/107594>