

Rabbit anti-Human ATP synthase subunit delta Polyclonal Antibody | anti-ATP5A1 antibody

ATP synthase subunit delta Polyclonal Antibody

CATALOG # AAA308746	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

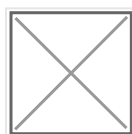
PRODUCT SYNONYMS

ATP synthase subunit delta; Polyclonal Antibody; ATP synthase subunit delta Polyclonal Antibody; F-ATPase delta subunit; ATP5D; anti-ATP5A1 antibody

PRODUCT SPECIFICATIONS

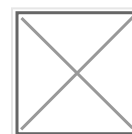
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ATP synthase subunit delta polyclonal antibody.
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Form/Format	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	503
Applicable Applications for anti-ATP5A1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human ATP synthase subunit delta, mitochondrial protein
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



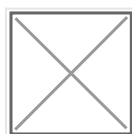
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer using at dilution of 1:50.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colorectal carcinoma using at dilution of 1:50.



WB (Western Blot)

All lanes: ATP synthase subunit delta, mitochondrial antibody at 2ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5A1 antibody	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. During catalysis, ATP turnover in the catalytic domain of F1 is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F1 domain and of the central stalk which is part of the complex rotary element. Rotation of the central stalk against the surrounding alpha3beta3 subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits.
Product Categories/Family for anti-ATP5A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	50345982
NCBI GeneID	498
NCBI Accession #	NP_001001935.1
NCBI GenBank Nucleotide #	NM_001001935.2
UniProt Accession #	P25705; Q53XX6; Q8IXV2; Q96FB4; Q96HW2; Q96IR6; Q9BTV8; A8K092; B4DY56; K7ENP3
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; APM; 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; APM
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/atp-synthase-subunit-delta-antibody-immunohistochemistry-western-blot-elisa/308746>