

Rabbit anti-Human, Mouse ATP5PD Polyclonal Antibody | anti-ATP5PD antibody

ATP5PD Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA175474	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

ATP5PD; Polyclonal Antibody; ATP5PD Polyclonal Antibody; ATP synthase D chain mitochondrial; ATP synthase H⁺ transporting mitochondrial F1F0 subunit; ATP synthase H⁺ transporting mitochondrial F1F0 subunit d; ATP synthase subunit d; Mitochondrial; ATP synthase; H⁺ transporting; Mitochondrial F0 complex; Subunit d; ATP5H; ATP5JD; ATPase subunit d; ATPQ; My032 protein; anti-ATP5PD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.78mg/mL (varies by lot)
Sequence Length	137
Applicable Applications for anti-ATP5PD antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human ATP5PD
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



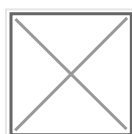
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using ATP5PD Polyclonal Antibody at dilution of 1:50 (x200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ATP5PD Polyclonal Antibody at dilution of 1:50 (x200)



WB (Western Blot)

Western blot analysis of Mouse skeletal muscle tissue, Mouse kidney tissue, PC-3 Jurkat, HepG2 and Hela cell lysates using ATP5PD Polyclonal Antibody at dilution of 1:300

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5PD antibody	Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The Fo seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the d subunit of the Fo complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. In addition, three pseudogenes are located on chromosomes 9, 12 and 15.
Product Categories/Family for anti-ATP5PD antibody	Cancer; Metabolism; Signal Transduction; Tags and Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	51479152
NCBI GeneID	10476
NCBI Accession #	NP_001003785.1; BC032245
NCBI GenBank Nucleotide #	NP_001003785.1
UniProt Accession #	O75947
Molecular Weight	18 kDa
NCBI Official Full Name	ATP synthase subunit d, mitochondrial isoform b
NCBI Official Synonym Full Names	ATP synthase peripheral stalk subunit d
NCBI Official Symbol	ATP5PD
NCBI Official Synonym Symbols	ATPQ; APT5H; ATP5H
NCBI Protein Information	ATP synthase subunit d, mitochondrial
UniProt Protein Name	ATP synthase subunit d, mitochondrial
UniProt Gene Name	ATP5H
UniProt Synonym Gene Names	ATPase subunit d
UniProt Entry Name	ATP5H_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/atp5pd-antibody-immunohistochemistry-western-blot-elisa/175474>