

Rabbit ATP5PD Polyclonal Antibody | anti-ATP5PD antibody

ATP5PD Antibody - C-terminal region

CATALOG # AAA200216	HOST Rabbit	REACTIVITY Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ATP5PD; Polyclonal Antibody; ATP5PD Antibody - C-terminal region; anti-ATP5PD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: CA EWVSLSKARI VEYEKEMEKM KNLPFDQMT IEDLNEAFPE TKLDKKKY
Sequence Length	161
Applicable Applications for anti-ATP5PD antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 93%; Sheep: 86%; Zebrafish: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ATP5H
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

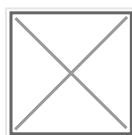
IMAGES


WB (Western Blot)

WB Suggested Anti-ATP5H Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: MCF7 cell lysate
ATP5H is supported by BioGPS gene expression data to be expressed in MCF7


WB (Western Blot)

Host: Rabbit
Target Name: ATP5H
Sample Type: Human Adult Placenta
Antibody Dilution: 1.0ug/ml


WB (Western Blot)

Host: Rabbit
Target Name: ATP5H
Sample Tissue: Human DLD1 Whole Cell
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5PD antibody	This is a rabbit polyclonal antibody against ATP5H. It was validated on Western Blot Target Description: 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	Polyclonal; Drugs and Drug Metabolism; Cell Biology; Mitochondria

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453559
NCBI GeneID	10476
NCBI Accession #	NP_006347
NCBI GenBank Nucleotide #	NM_006356
UniProt Accession #	O75947
Molecular Weight	18kDa
NCBI Official Full Name	ATP synthase subunit d, mitochondrial isoform a
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.