

Rabbit ATP5PB Polyclonal Antibody | anti-ATP5PB antibody

ATP5PB Antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199887	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

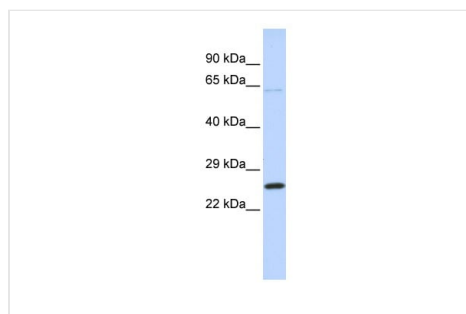
PRODUCT SYNONYMS

ATP5PB; Polyclonal Antibody; ATP5PB Antibody - middle region; anti-ATP5PB antibody

PRODUCT SPECIFICATIONS

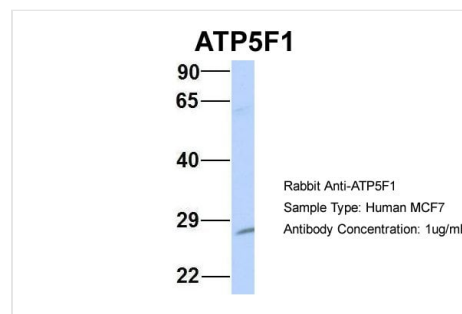
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VT YRERLYRVYK EVKNRLDYHI SVQNMMRRKE QEHEMINWVEK HVVQSIST
Sequence Length	256
Applicable Applications for anti-ATP5PB antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATP5F1
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-ATP5F1 Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:12500
 Positive Control: 721_B cell lysate
 ATP5F1 is supported by BioGPS gene expression data to be expressed in 721_B



WB (Western Blot)

Host: Rabbit
 Target Name: NOP56
 Sample Type: MCF7
 Antibody Dilution: 1.0ug/mL
 ATP5F1 is supported by BioGPS gene expression data to be expressed in MCF7

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5PB antibody	This is a rabbit polyclonal antibody against ATP5F1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the b subunit of the proton channel.
Product Categories/Family for anti-ATP5PB antibody	Polyclonal; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361565
NCBI GeneID	515
NCBI Accession #	NP_001679
NCBI GenBank Nucleotide #	NM_001688
UniProt Accession #	P24539
Molecular Weight	25kDa
NCBI Official Full Name	ATP synthase F(0) complex subunit B1, mitochondrial
NCBI Official Synonym Full Names	ATP synthase peripheral stalk-membrane subunit b
NCBI Official Symbol	ATP5PB
NCBI Official Synonym Symbols	PIG47; ATP5F1
NCBI Protein Information	ATP synthase F(0) complex subunit B1, mitochondrial
UniProt Protein Name	ATP synthase F(0) complex subunit B1, mitochondrial
UniProt Gene Name	ATP5F1
UniProt Synonym Gene Names	ATPase subunit b
UniProt Entry Name	AT5F1_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.