Rabbit ATP5F1B Polyclonal Antibody | anti-ATP5F1B antibody

ATP5F1B Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199885	**Rabbit**	**Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast, Zebrafish**	**Western Blot, Immunohistochemistry**

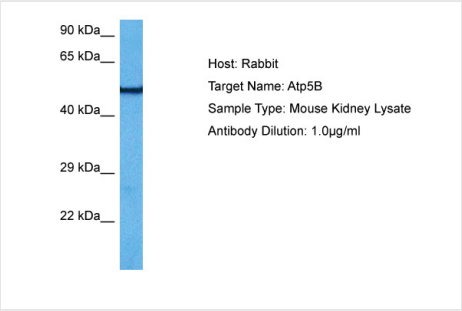
PRODUCT SYNONYMS

ATP5F1B; Polyclonal Antibody; ATP5F1B Antibody - N-terminal region; anti-ATP5F1B antibody

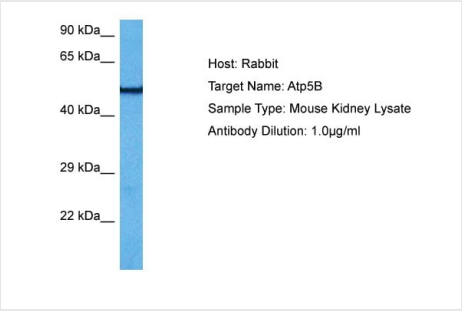
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Syntheticp eptideloca tedwithint hefollowin gregion:PI KIPVGPETLG RIMNVIGEPI DERGPIKTKQ FAPIHAEAPE FMEMSVEQ
Sequence Length	529
Applicable Applications for anti-ATP5F1B antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Yeast: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ATP5B
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.

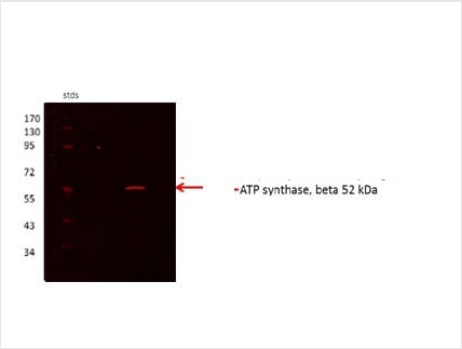
IMAGES



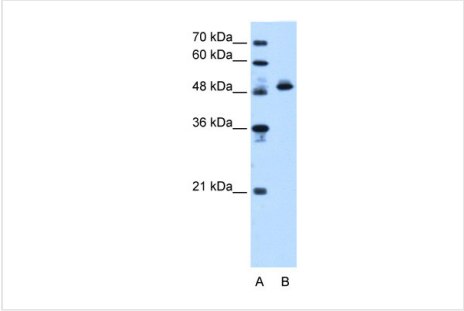
WB (Western Blot)
Host: RabbitTarget Name: ATP5BSample Tissue: Mouse KidneyAntibody Dilution: 1ug/ml



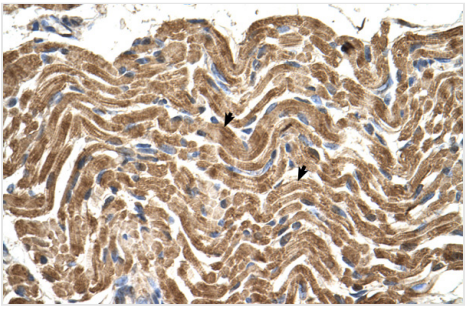
WB (Western Blot)
Host: MouseTarget Name: ATP5BSample Tissue: Mouse KidneyAntibody Dilution: 1ug/ml



WB (Western Blot)
Sample Type: Rat kidneyATP5B antibody - N-terminal region validated by WB using Proximal kidney tubules purfied from cortex at 1:1000.



WB (Western Blot)
Sample Type: Human HepG2ATP5B antibody - N-terminal region validated by WB using HepG2 cell lysate at 1.25ug/ml.



IHC (Immunohistochemistry)
Human Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5F1B antibody	This is a rabbit polyclonal antibody against ATP5B. It was validated on Western Blot and immunohistochemistry 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 consists of three main subunits (a, b, c). This gene encodes the beta subunit of the catalytic core.
Product Categories/Family for anti-ATP5F1B antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	32189394
NCBI GeneID	506
NCBI Accession #	NP_001677
NCBI GenBank Nucleotide #	NM_001686
UniProt Accession #	P06576
Molecular Weight	52kDa
NCBI Official Full Name	ATP synthase subunit beta, mitochondrial
NCBI Official Synonym Full Names	ATP synthase F1 subunit beta
NCBI Official Symbol	ATP5F1B

NCBI Official Synonym Symbols	ATP5B; ATPMB; ATPSB; HEL-S-271
NCBI Protein Information	ATP synthase subunit beta, mitochondrial
UniProt Protein Name	ATP synthase subunit beta, mitochondrial
UniProt Gene Name	**ATP5B**
UniProt Synonym Gene Names	ATPMB; ATPSB

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/atp5f1b-antibody-western-blot-immunohistochemistry-elisa/199885