

Rabbit anti-Human ATP5J2 Polyclonal Antibody | anti-ATP5J2 antibody

ATP5J2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288317	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

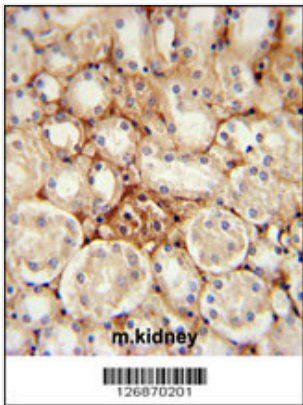
PRODUCT SYNONYMS

ATP5J2; Polyclonal Antibody; ATP5J2 Antibody (Center); ATP synthase subunit f; mitochondrial; ATP5JL; anti-ATP5J2 antibody

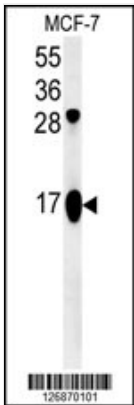
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ATP5J2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 18-46 amino acids from the Central region of human ATP5J2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	18-46
Sequence Length	88
Applicable Applications for anti-ATP5J2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
ATP5J2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ATP5J2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
ATP5J2 Antibody (Center) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the ATP5J2 antibody detected the ATP5J2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5J2 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, F0, which comprises 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 single representatives of the gamma, delta, and epsilon subunits. The proton channel likely has nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the f subunit of the F0 complex.
Product Categories/Family for anti-ATP5J2 antibody	Signal Transduction
References	Wang, L., et al. Cancer Epidemiol. Biomarkers Prev. 17(12):3558-3566(2008) Stelzl, U., et al. Cell 122(6):957-968(2005) Cross, R.L. Nature 427(6973):407-408(2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	51479129
NCBI GeneID	9551
NCBI Accession #	NP_001003713.1; NP_001003714.1; NP_001034267.1; NP_004880.1
NCBI GenBank Nucleotide #	NM_001003713.2
UniProt Accession #	P56134; O76079; Q6IBB3; Q96L83; Q9BTI8; C9J8H9; F8W7V3
Molecular Weight	10918
NCBI Official Full Name	ATP synthase subunit f, mitochondrial isoform 2b
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial Fo complex, subunit F2
NCBI Official Symbol	ATP5J2
NCBI Official Synonym Symbols	ATP5JL
NCBI Protein Information	ATP synthase subunit f, mitochondrial
UniProt Protein Name	ATP synthase subunit f, mitochondrial
UniProt Gene Name	ATP5J2

UniProt Synonym Gene Names	ATP5JL
UniProt Entry Name	ATPK_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://www.aaabiotech.com/polyclonal/atp5j2-antibody-immunohistochemistry-western-blot-elisa/288317>