

Rabbit anti-Human, Mouse ATP5F1 Polyclonal Antibody | anti-ATP5F1 antibody

ATP5F1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311547	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

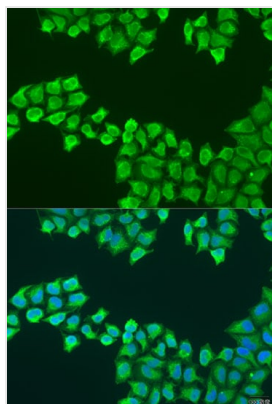
PRODUCT SYNONYMS

ATP5F1; Polyclonal Antibody; ATP5F1 Polyclonal Antibody; PIG47; ATP synthase F (0) complex subunit B1; mitochondrial; anti-ATP5F1 antibody

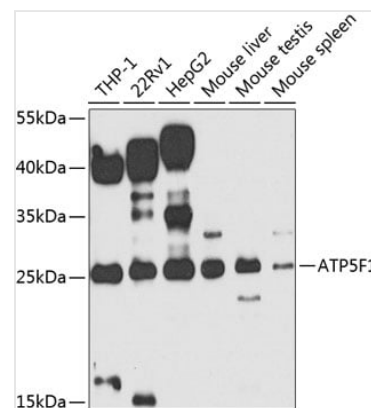
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-ATP5F1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ATP5F1 (NP_001679.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using ATP5F1 antibody.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ATP5F1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP5F1 antibody	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-ATP5F1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361565
NCBI GeneID	515
NCBI Accession #	NP_001679.2
NCBI GenBank Nucleotide #	NM_001688.4
UniProt Accession #	P24539; Q9BQ68; Q9BRU8
Molecular Weight	28,909 Da
NCBI Official Full Name	ATP synthase F(0) complex subunit B1, mitochondrial
NCBI Official Synonym Full Names	ATP synthase, H+ transporting, mitochondrial Fo complex subunit B1
NCBI Official Symbol	ATP5F1
NCBI Official Synonym Symbols	PIG47
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/atp5f1-antibody-immunofluorescence-western-blot-elisa/311547>