

Rabbit mt-Atp6 Polyclonal Antibody | anti-ATP6 antibody

mt-Atp6 Polyclonal Antibody

CATALOG # AAA280384	HOST Rabbit	APPLICATIONS Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

mt-Atp6; Polyclonal Antibody; mt-Atp6 Polyclonal Antibody; anti-ATP6 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Sequence Length	226
Applicable Applications for anti-ATP6 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species Reactivity/Cross-Reactivity	Human, Mouse
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100 to the C-terminus of mouse ATP6 (NP_904333.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using ATP6 antibody (AAA280384) at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ATP6 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP6 antibody

Mitochondrial membrane ATP synthase (F₁F₀ ATP synthase or Complex V produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F₁ - containing the extramembraneous catalytic core and F₀ - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F₁ is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Key component of the proton channel; it may play a direct role in the translocation of protons across the membrane.

NCBI AND UNIPROT INFORMATION

NCBI GI #	251831112
NCBI GeneID	4508
NCBI Accession #	YP_003024031.1
NCBI GenBank Nucleotide #	NC_012920.1
UniProt Accession #	P00846; Q34772; Q5S8W5; Q5S9E7; Q5S9I6; Q5SA31; Q6RPB7; Q6VHC0; Q6VHE0; Q6WQF4; Q7YCC1; Q7YCF8
Molecular Weight	Observed MW: 20kDa Calculated MW: 25kDa
NCBI Official Full Name	ATP synthase F0 subunit 6 (mitochondrion)
NCBI Official Synonym Full Names	mitochondrially encoded ATP synthase 6
NCBI Official Symbol	MT-ATP6
NCBI Official Synonym Symbols	ATPase6; MTATP6; ATP6
NCBI Protein Information	ATP synthase F0 subunit 6
UniProt Protein Name	ATP synthase subunit a
UniProt Gene Name	MT-ATP6
UniProt Synonym Gene Names	ATP6; ATPASE6; MTATP6
UniProt Entry Name	ATP6_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://stage.aaabiotech.com/polyclonal/mt-atp6-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/280384>