



Rabbit polyclonal antibody to ATPase subunit F6 (66-81): Affinity purified

Catalogue No.:	R-1040-100
Description:	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Mitochondrial membrane ATP synthase 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. These ATPases have 2 structural domains: CF1 which is the catalytic core and CF0 which is the membrane proton channel. CF0 contains at least 9 subunits including F6.
Replaced by:	R-1766-100
Batch No.:	See product label
Unit size:	100 μ g
Antigen:	A synthetic peptide (EYQQELERELFKLKQM) corresponding to a region (66-81) from human ATPase subunit F6.
Other Names:	ATP5J; ATP synthase-coupling factor 6; mitochondrial; ATP5A; ATPM; ATPase subunit F6;
Accession:	P18859 ATP5J_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 0.5-1.0 μ g/ml is recommended for WB. Human ATPase subunit F6 (precursor) has a predicted length of 108 residues and MW of 13 kDa. A concentration of 1.0-2.0 μ g/ml is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; mouse; rat;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Reconstitution:	Reconstitute in 100 μ l of sterile distilled water to achieve an antibody concentration of 1 mg/ml. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2 - 4 $^{\circ}$ C (lyophilized formulations). After reconstitution, aliquot and store at -20 $^{\circ}$ C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY