Anti-ATP synthase C Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R012705

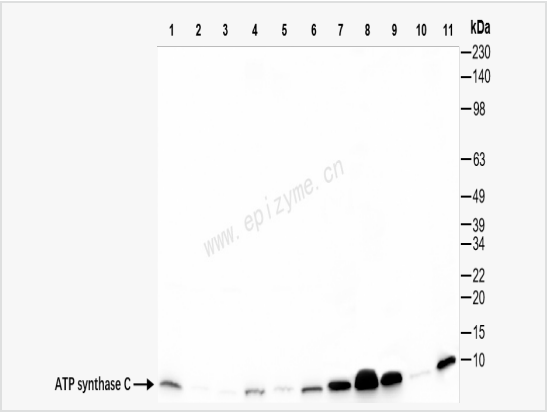
Product Information

Application	WB, IHC-P/IF (Tissue-P), IHC-F/IF (Tissue-F), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	99K59M66
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human ATP synthase C
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-ATP synthase C Rabbit mAb [99K59M66] is for research use only and not for use in diagnostic or therapeutic procedures.

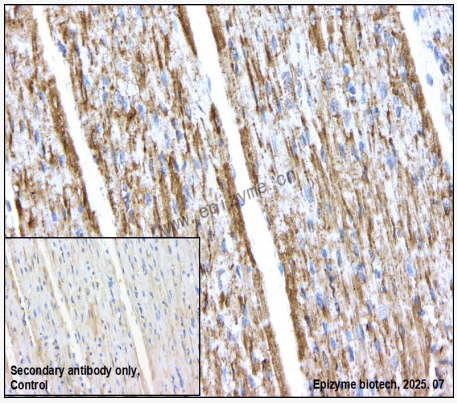
Protein Information

Synonyms	AT5G1_HUMAN; ATP synthase c subunit; ATP synthase F(0) complex subunit C1, mitochondrial; ATP synthase F(0) complex subunit C2, mitochondrial; ATP synthase F(0) complex subunit C3, mitochondrial; ATP synthase lipid binding protein mitochondrial; ATP synthase lipid-binding protein; ATP synthase proteolipid P1; ATP synthase proteolipid P2; ATP synthase proteolipid P3; ATP synthase proton-transporting mitochondrial F(0) complex subunit C1; ATP synthase proton-transporting mitochondrial F(0) complex subunit C2; ATP synthase proton-transporting mitochondrial F(0) complex subunit C3; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 1; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c, isoform 1; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c, isoform 2; ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c, isoform 3; ATP synthase, H+ transporting, mitochondrial Fo complex, subunit C1 (subunit 9); ATP synthase, H+ transporting, mitochondrial Fo complex, subunit C2 (subunit 9); ATP synthase, H+ transporting, mitochondrial Fo complex, subunit C3 (subunit 9); ATP synthase, mitochondrial, C subunit-3; ATP5A; ATP5G; ATP5G1; ATPase protein 9; ATPase subunit 9; ATPase subunit c; mitochondrial; mitochondrial ATP synthase, subunit 9, isoform 1; mitochondrial ATP synthase, subunit 9, isoform 2; mitochondrial ATP synthase, subunit 9, isoform 3; mitochondrial ATP synthase, subunit C (subunit 9), isoform 2; mitochondrial ATP synthase, subunit C, isoform 1; mitochondrial ATP synthase, subunit C, isoform 2; mitochondrial ATP synthase, subunit C, isoform 3; P3; ATP synthase C.
Calculated MW	Calculated MW: 14 kDa; Observed MW: 8 kDa
Uniprot ID	P05496
Gene ID	516

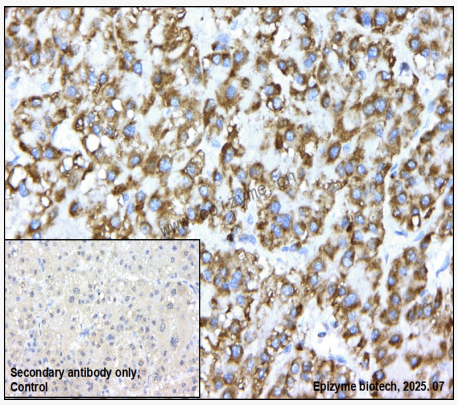
Validation Images



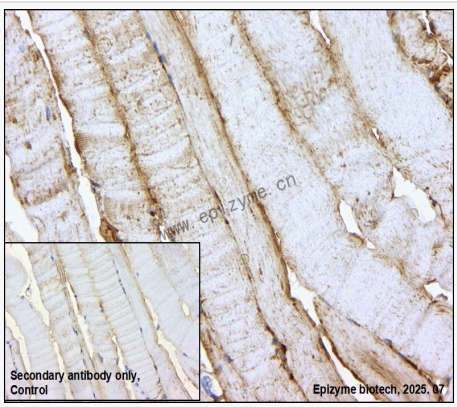
Western Blot - Anti-ATP synthase C Rabbit mAb [99K59M66]
All lanes: R012705 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: 293T (Human embryonic kidney cell) whole cell lysates
Lane 5: K562 (Human chronic myeloid leukemia cell) whole cell lysates
Lane 6: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates
Lane 7: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane 8: Mouse heart whole tissue lysates
Lane 9: Mouse liver whole tissue lysates
Lane 10: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lane 11: Rat brain whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 14 kDa
Observed band size: 18 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-ATP synthase C Rabbit mAb [99K59M66]
Sample: Paraformaldehyde-fixed, paraffin embedded rat heart tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R012705 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-ATP synthase C Rabbit mAb [99K59M66]
Sample: Paraformaldehyde-fixed, paraffin embedded human hepatoma tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R012705 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-ATP synthase C Rabbit mAb [99K59M66]
Sample: Paraformaldehyde-fixed, paraffin embedded mouse muscle tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R012705 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.