

ATP5C1 Rabbit Polyclonal Antibody



CAB15257

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

36kDa

Calculated MW:

32kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:200 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

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 consists of three main subunits (a, b, c). This gene encodes the gamma subunit of the catalytic core. Alternatively spliced transcript variants encoding different isoforms have been identified. This gene also has a pseudogene on chromosome 14.

Immunogen information

Gene ID:

509

Uniprot

P36542

Synonyms:

ATP5C1; ATP5C; ATP5CL1

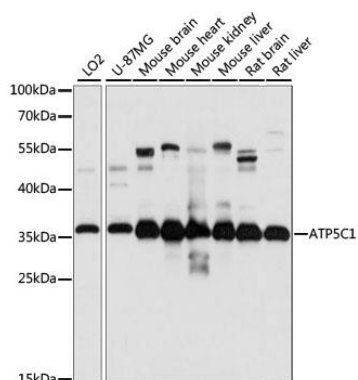
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 26-298 of human ATP5C1 (NP_001001973.1).

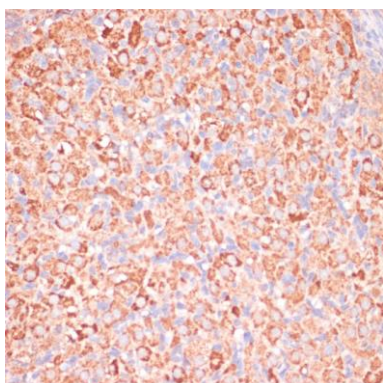
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

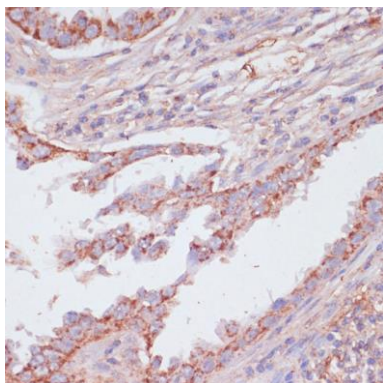
Product Images



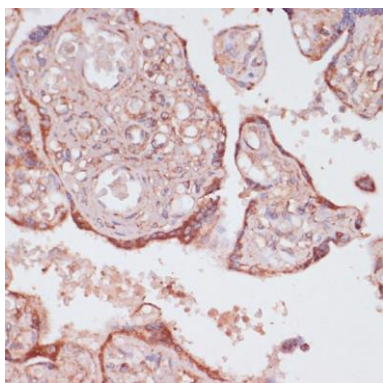
Western blot analysis of extracts of various cell lines, using ATP5C1 antibody (CAB15257) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5S.



Immunohistochemistry of paraffin-embedded rat ovary using ATP5C1 antibody (CAB15257) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using ATP5C1 antibody (CAB15257) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human placenta using ATP5C1 antibody (CAB15257) at dilution of 1:100 (40x lens).