

ATP5I polyclonal antibody

Catalog: BS65346

Host: Rabbit

Reactivity: Human

BackGround:

ATP synthase, H⁺ transporting, mitochondrial Fo complex subunit E(ATP5I) Homo sapiens Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The Fo seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the e subunit of the Fo complex. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jun 2010],

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Molecular Weight:

~8 kDa

Swiss-Prot:

P56385

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Applications:

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

Storage&Stability:

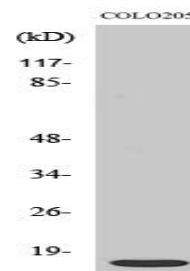
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

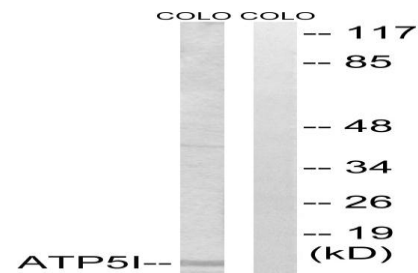
ATP5I Polyclonal Antibody detects endogenous levels of

ATP5I protein.

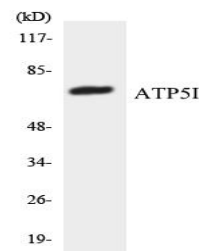
DATA:



Western Blot analysis of various cells using ATP5I Polyclonal Antibody



Western blot analysis of lysates from COLO cells, using ATP5I Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using ATP5I antibody.

Note:

For research use only, not for use in diagnostic procedure.

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PRODUCT DATA SHEET

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