

Datasheet for ABIN7180126  
**anti-ATP5I antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	ATP5I
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	Synthesized peptide derived from C-terminal of Human ATP5I.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	ATP5I
Alternative Name:	ATP5I ( <a href="#">ATP5I Products</a> )
Background:	Background: 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

## Target Details

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. Part of the complex F0 domain. Minor subunit located with subunit a in the membrane.

Fujiwara T., Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.

Kalnine N., Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

The MGC Project Team, Genome Res. 14:2121-2127(2004).

Aliases: ATP 5I antibody, ATP 5K antibody, ATP synthase e chain mitochondrial antibody, ATP synthase H<sup>+</sup> transporting mitochondrial F0 complex subunit E antibody, ATP synthase subunit e antibody, ATP synthase subunit e mitochondrial antibody, ATP5I antibody, ATP5L\_HUMAN antibody, ATP5K antibody, ATPase subunit e antibody, F1F0 ATP synthase murine e subunit antibody, MGC12532 antibody, mitochondrial antibody

UniProt: [P56385](#)

Pathways: [Proton Transport](#), [Ribonucleoside Biosynthetic Process](#)

## Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

## Handling

Format: Liquid

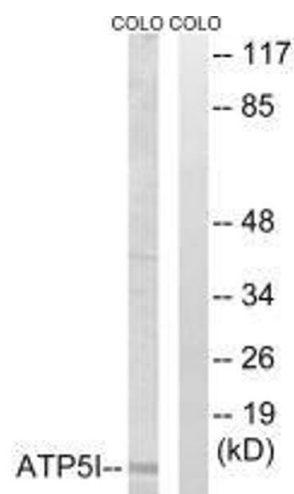
Buffer: Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

**Image 1.** Western blot analysis of extracts from COLO cells, using ATP5I antibody.