

Datasheet for ABIN7183167

anti-ATP5L2 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ATP5L2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5L2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from internal of Human ATP5L2.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	ATP5L2
Alternative Name:	ATP5L2 (ATP5L2 Products)
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 By similarity.

Lin W., Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases.

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

Aliases: ATP5MGL antibody, ATP5K2 antibody, ATP5L2Putative ATP synthase subunit g 2 antibody, mitochondrial antibody, ATPase subunit g 2 antibody, ATP synthase membrane subunit g-like protein antibody

UniProt: [Q7Z4Y8](#)

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

Application Details

Application Notes: WB:1:500-1:3000, IF:1:100-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

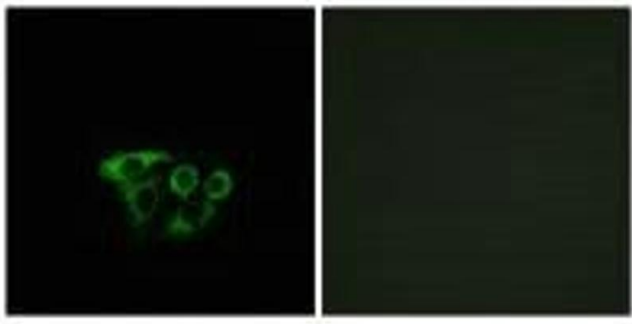
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

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

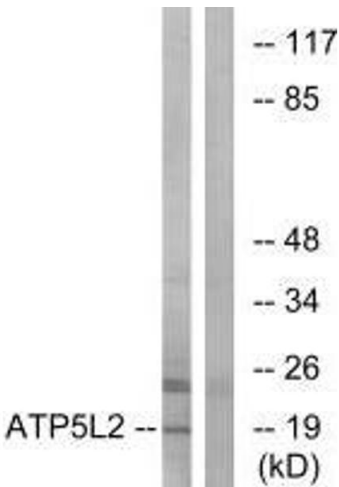
Storage: -20 °C,-80 °C

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



Immunofluorescence

Image 1. Immunofluorescence analysis of A549 cells, using ATP5L2 antibody.



Western Blotting

Image 2. Western blot analysis of extracts from A549 cells, using ATP5L2 antibody.