

Datasheet for ABIN7246433

**anti-ATP5L antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µL
Target:	ATP5L
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5L antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Fusion protein of human ATP5L
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

## Target Details

Target:	ATP5L
Alternative Name:	ATP5L ( <a href="#">ATP5L Products</a> )
Background:	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

## Target Details

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 g subunit of the Fo complex. Alternative splicing results in multiple transcript variants.

Molecular Weight: Observed\_MW: Refer to figures  
Calculated\_MW: 11 kDa

UniProt: [O75964](#)

Pathways: [Proton Transport](#), [Ribonucleoside Biosynthetic Process](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

Application Notes: WB 1:500-1:2000, ELISA 1:5000-1:10000

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1.02 mg/mL

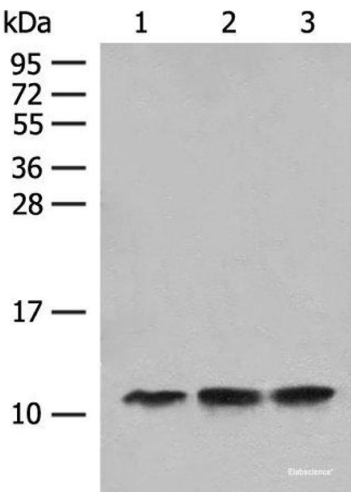
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

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

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

**Image 1.** Western blot analysis of Human fetal liver tissue  
Hela cell HEPG2 cell lysates using ATP5L Polyclonal  
Antibody at dilution of 1:500