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## Datasheet for ABIN7453043 **anti-ATP5L antibody (AA 53-103)**

### Overview

Quantity:	100 µg
Target:	ATP5L
Binding Specificity:	AA 53-103
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5L antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Purpose:	Rabbit anti-ATP5L Antibody, Affinity Purified
Immunogen:	Between AA 53 and 103
Isotype:	IgG
Predicted Reactivity:	Bovine,Orangutan
Purification:	Affinity Purified

### Target Details

Target:	ATP5L
Alternative Name:	ATP5L ( <a href="#">ATP5L Products</a> )
Background:	Background: Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical

## Target Details

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). ATP5L is the g subunit of the Fo complex [taken from NCBI Entrez Gene (Gene ID: 10632)].

Gene ID: 10632

UniProt: [O75964](#)

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

## Application Details

Application Notes: IP: Not recommended

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months