Datasheet for ABIN7144863

anti-ATP5L antibody (AA 2-103) (HRP)

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Overview

Quantity:	100 µg
Target:	ATP5L
Binding Specificity:	AA 2-103
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5L antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human ATP synthase subunit g, mitochondrial protein (2-103AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ATP5L
Alternative Name:	ATP5L (ATP5L Products)
Background:	Background: Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is

Target Details

	generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core, and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(0) domain. Minor subunit located with subunit a in the membrane. Aliases: ATP synthase subunit g antibody, ATP synthase, H+ transporting, mitochondrial F1F0, subunit g antibody, ATP synthase, H+ transporting, mitochondrial Fo complex, subunit G antibody, ATP5L antibody, ATP5L_HUMAN antibody, ATPase subunit g antibody, F1Fo ATP synthase complex Fo membrane domain g subunit antibody, mitochondrial antibody
UniProt:	O75964
Pathways:	Proton Transport, Ribonucleoside Biosynthetic Process, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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.