

Anti-ATP5L antibody

Cat. No.	ml125205
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ATP5L rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Fusion protein of human ATP5L
Reactivity	Human, Mouse
Content	1.8 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ATP5L
Full name	ATP synthase, H ⁺ transporting, mitochondrial Fo complex subunit G
Synonyms	ATP5JG
Swissprot	O75964

Target 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 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.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 11 kDa

Positive control: Mouse liver tissue, Mouse kidney tissue, HEPG2 cell, Hela cell, 293T cell, Human fetal liver tissue lysates

Recommended dilution: 500-2000

Gel: 12%SDS-PAGE

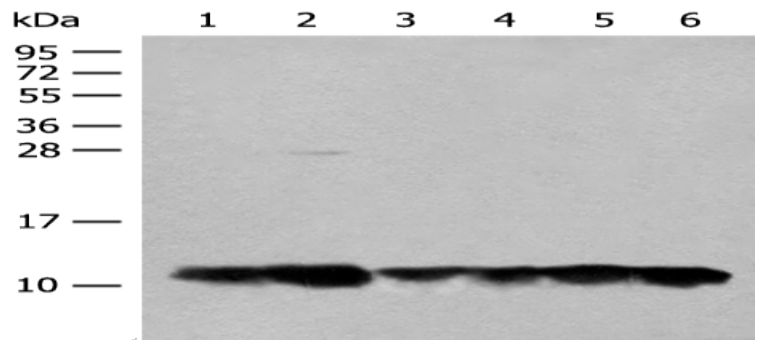
Lysate: 40 µg

Lane 1-6: Mouse liver tissue, Mouse kidney tissue, HEPG2 cell, Hela cell, 293T cell, Human fetal liver tissue lysates

Primary antibody: ml125205(ATP5L Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 5000-10000

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