antibodies - online.com







anti-ATP5G3 antibody (AA 12-42)





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Quantity:	200 μL	
Target:	ATP5G3	
Binding Specificity:	AA 12-42	
Reactivity:	Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This ATP5G3 antibody is un-conjugated	
Application:	Western Blotting (WB)	

Product Details

Immunogen:	This ATP5G3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 12-42 amino acids from human ATP5G3.	
Clone:	RB53864	
Isotype:	Ig Fraction	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	

Target Details

Target:	ATP5G3
Alternative Name:	ATP5G3 (ATP5G3 Products)
Background: Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces A	

Target Details

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 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. A homomeric c-ring of probably 10 subunits is part of the complex rotary element.

Molecular Weight:

14693

UniProt:

P48201

Pathways:

Proton Transport, Ribonucleoside Biosynthetic Process

Application Details

Application Notes:

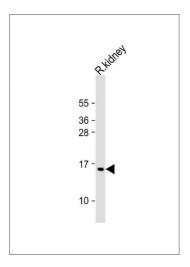
WB: 1:2000

Restrictions:

For Research Use only

Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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,-20 °C	
Expiry Date:	6 months	



Western Blotting

Image 1. Anti-ATP5G3 Antibody (N-Term) at 1:2000 dilution + rat kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 15 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.