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Datasheet for ABIN928241  
**anti-ATP5F1 antibody (N-Term)**

1 Image

Overview

Quantity:	100 µL
Target:	ATP5F1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5F1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Atp5 f1 antibody was raised in rabbit using the N terminal of Atp5 1 as the immunogen
Cross-Reactivity:	Mouse (Murine)
Purification:	Purified

Target Details

Target:	ATP5F1
Alternative Name:	Atp5f1 ( <a href="#">ATP5F1 Products</a> )
Background:	Mitochondrial membrane ATP synthase (F1F0 ATP synthase or Complex V) produces ATP 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, F1 - containing the extramembraneous catalytic core, and F0 - containing the

## Target Details

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membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F1 is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F0 domain and the peripheral stalk, which acts as a stator to hold the catalytic alpha3beta3 subcomplex and subunit a/ATP6 static relative to the rotary elements. Synonyms: Polyclonal Atp5f1 antibody, Anti-Atp5f1 antibody, ATP synthase, H<sup>+</sup> transporting, mitochondrial F0 complex, subunit b, isoform 1 antibody, C76477 antibody.

Pathways: [Proton Transport](#), [Ribonucleoside Biosynthetic Process](#)

## Application Details

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Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Atp5f1 Blocking Peptide, catalog no. 33R-7263, is also available for use as a blocking control in assays to test for specificity of this Atp5f1 antibody
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



### Western Blotting

**Image 1.** Western Blot showing Atp5f1 antibody used at a concentration of 1-2 ug/ml to detect its target protein.