

Datasheet for ABIN2613391
anti-ATP5C1 antibody (AA 27-40)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ATP5C1
Binding Specificity:	AA 27-40
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ATP5C1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ATP5C1 (aa27-40)
Sequence:	TLKDITRRLK SIKN
Isotype:	IgG
Specificity:	The immunizing peptide represents the N terminus of the mature protein. This antibody is expected to recognize both reported isoforms (NP_005165.1, NP_001001973.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

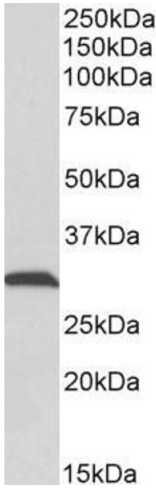
Target:	ATP5C1
Alternative Name:	ATP5C1 (ATP5C1 Products)
Background:	ATP5C1, ATP synthase, H ⁺ transporting, mitochondrial F1 complex, gamma polypeptide 1, ATP5C, ATP5CL1, ATP synthase gamma chain, mitochondrial, ATP synthase subunit gamma, mitochondrial, F-ATPase gamma subunit, mitochondrial ATP synthase, gamma subunit 1
Gene ID:	509, 11949, 116550
NCBI Accession:	NP_005165 , NP_001001973
Pathways:	Proton Transport , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Western Blot: Approx 30 kDa band observed in Rat Skeletal Muscle lysates (calculated MW of 33.0 kDa according to Rat NP_446277.1). Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN2613391 (0.1µg/ml) staining of Rat Skeletal Muscle lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.