

Datasheet for ABIN2613389

anti-ATP5B antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	ATP5B
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat, Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ATP5B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	ATP5B (aa15162)
Sequence:	EPIDERGPIK TKQ
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ATP5B
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Target Details

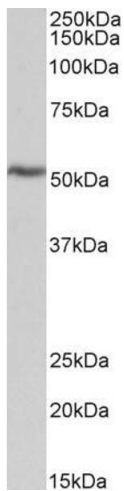
Alternative Name:	ATP5B (ATP5B Products)
Background:	ATP5B, ATP synthase, H ⁺ transporting, mitochondrial F1 complex, beta polypeptide, ATPMB, ATPSB, ATP synthase subunit beta, mitochondrial, mitochondrial ATP synthase beta subunit, mitochondrial ATP synthetase, beta subunit
Gene ID:	506, 11947, 171374
NCBI Accession:	NP_001677
Pathways:	Proton Transport , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Western Blot: Approx 55 kDa band observed in Human, Mouse, Rat and Pig Heart lysates (calculated MW of 56.6 kDa according to NP_001677.2). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:4000.
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. ABIN2613389 (0.3µg/ml) staining of Pig Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.