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Datasheet for ABIN7450013
anti-ATP50 antibody (AA 163-213)

Overview

Quantity:	100 µg
Target:	ATP50
Binding Specificity:	AA 163-213
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP50 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-ATP50 Antibody, Affinity Purified
Immunogen:	Between AA 163 and 213
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	ATP50
Alternative Name:	ATP50 (ATP50 Products)
Background:	Background: ATP50 is a component of the F-type ATPase found in the mitochondrial matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. ATP50

Target Details

appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton conductance [taken from NCBI Entrez Gene (Gene ID: 539)].

Gene ID: 539

UniProt: [P48047](#)

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

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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

Expiry Date: 12 months