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Datasheet for ABIN7450008

anti-ATP5F1 antibody (AA 206-256)

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Overview

Quantity:	100 µg
Target:	ATP5F1
Binding Specificity:	AA 206-256
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5F1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-ATP5F1 Antibody, Affinity Purified
Immunogen:	Between AA 206 and 256
Isotype:	IgG
Predicted Reactivity:	Bovine,Orangutan
Purification:	Affinity Purified

Target Details

Target:	ATP5F1
Alternative Name:	ATP5F1 (ATP5F1 Products)
Background:	Background: ATP5F1 is the b subunit of the proton channel complex of mitochondrial ATP

Target Details

	synthase. Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. ATP synthase is composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, comprising the proton channel. The catalytic portion of mitochondrial ATP synthase consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled with a stoichiometry of 3 alpha, 3 beta, and a single representative of the other 3. The proton channel seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8) [taken from NCBI Entrez Gene (Gene ID: 515)].
Gene ID:	515
UniProt:	P24539
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