Datasheet for ABIN7450011

anti-ATP5H antibody (AA 111-161)

Go to Product page

Overview

Quantity:	100 µg
Target:	ATP5H
Binding Specificity:	AA 111-161
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5H antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-ATP5H Antibody, Affinity Purified
Immunogen:	Between AA 111 and 161
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	ATP5H
Alternative Name:	ATP5H (ATP5H Products)
Background:	Background: Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is

Target Details

	composed of two linked multi-subunit complexes: the soluble catalytic core, F1, and the membrane-spanning component, Fo, which comprises the proton channel. The F1 complex consists of 5 different subunits (alpha, beta, gamma, delta, and epsilon) assembled in a ratio of 3 alpha, 3 beta, and a single representative of the other 3. The Fo seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). ATP5H is the d subunit of the Fo complex [taken from NCBI Entrez Gene (Gene ID: 10476)].
Gene ID:	10476
UniProt:	O75947
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