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anti-ATP5H antibody (AA 100-150)



Overview

Quantity:	100 μg
Target:	ATP5H
Binding Specificity:	AA 100-150
Reactivity:	Human
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 100 and 150
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 chan	inel. 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 seem	s to have nine subunits
(a, b, c, d, e, f, g, F6 and 8). ATP5H is the d subunit of the Fo complex [ta	aken from NCBI Entrez
Gene (Gene ID: 10476)].	

Gene ID: 10476

UniProt: 075947

Pathways: Proton Transport, Ribonucleoside Biosynthetic Process

Application Details

Application Notes: IP: $2 - 10 \mu g/mg$ 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