

Datasheet for ABIN2797767 **anti-ATP5J antibody (Center)**

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Overview

Quantity:	400 µL
Target:	ATP5J
Binding Specificity:	AA 28-56, Center
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP5J antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	Rabbit Anti-Mouse ATP5J (Center) Antibody
Immunogen:	This ATP5J antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-56 amino acids from the Central region of human ATP5J.
Isotype:	Ig Fraction

Target Details

Target:	ATP5J
Alternative Name:	ATP5J (ATP5J Products)
Background:	Target Description: Mitochondrial ATP synthase catalyzes ATP synthesis, utilizing an electrochemical gradient of protons across the inner membrane during oxidative phosphorylation. It is composed of two linked multi-subunit complexes: the soluble catalytic

Target Details

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). This gene encodes the F6 subunit of the Fo complex, required for F1 and Fo interactions. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. A pseudogene exists on chromosome Yp11.

Gene Symbol: ATP5J

Molecular Weight:	12588 Da
Gene ID:	522
UniProt:	P18859
Pathways:	Proton Transport , Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Immunofluorescence, Western Blot, Immunohistochemistry Recommended Dilutions IF: 1:10-50, WB: 1:1000, IHC: 1:10-50 Fluorescent confocal image of U251 cell stained with ATP5J Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Storage:	4 °C,-20 °C
Storage Comment:	2-8°C (short-term), -20°C (long-term)