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### Datasheet for ABIN7384072

## anti-ATP5C1 antibody

## Overview $60\,\mu L$ Quantity: ATP5C1 Target: Reactivity: Human, Rat, Mouse Host: Rabbit Clonality: Polyclonal Conjugate: This ATP5C1 antibody is un-conjugated Application: Immunohistochemistry (IHC), Immunofluorescence (IF) **Product Details**

Immunogen:	Recombinant fusion protein of human ATP5C1 (NP_001001973.1).
Isotype:	IgG
Purification:	Affinity purification

#### **Target Details**

Target:	ATP5C1
Alternative Name:	ATP5C1 (ATP5C1 Products)
Background:	ATP5C1,ATP5C,ATP5CL1,This gene encodes a subunit of mitochondrial ATP 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

#### **Target Details**

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 consists of three main subunits (a, b, c). This gene encodes the gamma subunit of the catalytic core. Alternatively spliced transcript variants encoding different isoforms have been identified. This gene also has a pseudogene on chromosome 14.

Gene ID: 509

UniProt: P36542

Pathways: Proton Transport, Ribonucleoside Biosynthetic Process

#### **Application Details**

Application Notes: IHC 1:50-1:200 IF 1:50-1:200

Restrictions: For Research Use only

#### Handling

Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.