



Datasheet for ABIN7247477  
**anti-ATP5F1D antibody**



[Go to Product page](#)

1 Image

Overview

|              |  |
|--------------|--|
| Quantity:    | 200 µL                                 |
| Target:      | ATP5F1D                                |
| Reactivity:  | Human, Mouse, Rat                      |
| Host:        | Rabbit                                 |
| Clonality:   | Polyclonal                             |
| Conjugate:   | This ATP5F1D antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC)      |

Product Details

|                  |                                 |
|------------------|---------------------------------|
| Immunogen:       | Fusion protein of human ATP5F1D |
| Isotype:         | IgG                             |
| Characteristics: | Polyclonal Antibody             |
| Purification:    | Antigen affinity purification   |

Target Details

|                   |  |
|-------------------|--|
| Target:           | ATP5F1D  |
| Alternative Name: | ATP5F1D ( <a href="#">ATP5F1D Products</a> )   |
| Background:       | 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, |

## Target Details

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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 consists of three main subunits (a, b, c). This gene encodes the delta subunit of the catalytic core. Alternatively spliced transcript variants encoding the same isoform have been identified.

UniProt: [P30049](#)

Pathways: [Proton Transport, Ribonucleoside Biosynthetic Process](#)

## Application Details

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Application Notes: IHC 1:50-1:200, ELISA 1:5000-1:10000

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 0.96 mg/mL

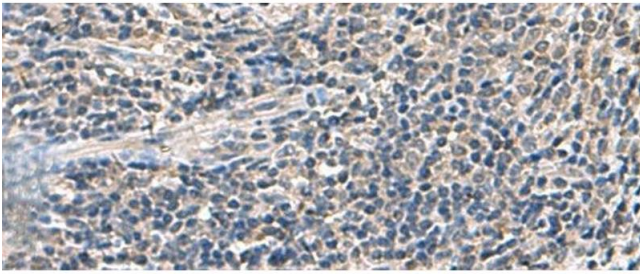
Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

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.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ATP5F1D Polyclonal Antibody at dilution of 1:55(x200)