ATP5PD Polyclonal Antibody

Catalog Number:E-AB-52881

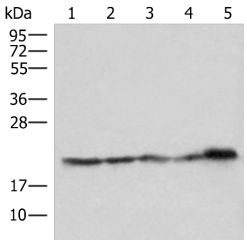
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human, Mouse
Immunogen	Fusion protein of human ATP5PD
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:300
ELISA	1:5000-1:10000

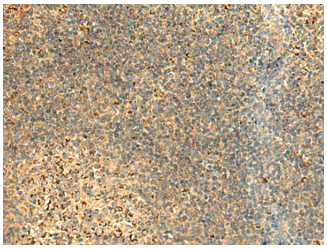
Data



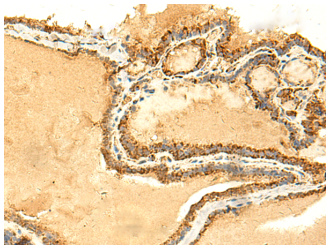
Western blot analysis of Hela HepG2 Jurkat and PC3 cell Mouse kidney tissue lysates using ATP5PD Polyclonal Antibody at dilution of 1:550

Observed Mw:Refer to figures

Calculated Mw:18 kDa



Immunohistochemistry of paraffin-embedded Human tonsil tissue using ATP5PD Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ATP5PD Polyclonal Antibody at dilution of 1:50(×200)

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

Background

For Research Use Only

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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 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 d subunit of the Fo complex. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. In addition, three pseudogenes are located on chromosomes 9, 12 and 15.

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