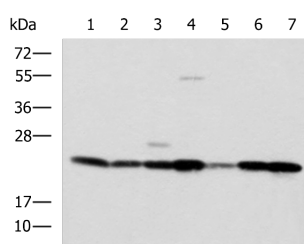


## ATP5O Polyclonal Antibody

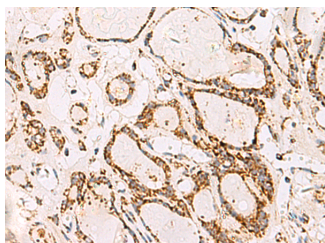
<b>Catalog No.</b>	E-AB-53090	<b>Reactivity</b>	H,M
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,ELISA	<b>Isotype</b>	IgG

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

### Images



Western blot analysis of SKOV3 Hela cell Mouse liver tissue Mouse heart tissue Human placenta tissue HepG2 cell Human heart tissue lysates using ATP5O Polyclonal Antibody at dilution of 1:1250



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ATP5O Polyclonal Antibody at dilution of 1:90(×200)

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human ATP5PO
<b>Gene Accession</b>	BC021233
<b>Swissprot</b>	P48047
<b>Synonyms</b>	O subunit,ATP5O,ATPO,ATPO,mitochondrial,Mitochondrial ATP synthase,OSCP

### Product Information

<b>Calculated MW</b>	23 kDa
<b>Observed MW</b>	Refer to figures
<b>Buffer</b>	PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol,pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	WB 1:1000-1:5000, IHC 1:100-1:300, ELISA 1:5000-1:10000

### Background

The protein encoded by this gene is a component of the F-type ATPase found in the mitochondrial matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. The encoded protein appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton conductance.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.