



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## ATP5O purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00000539-B01P

規格 : [ 50 ug ]

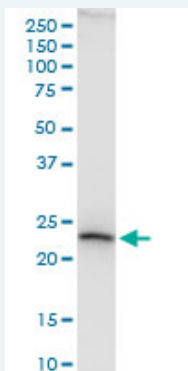
[List All](#)

### Specification

<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human ATP5O protein.
<b>Immunogen:</b>	ATP5O (AAH21233, 1 a.a. ~ 213 a.a) full-length human protein.
<b>Sequence:</b>	MAAPAVSGLSRQVRCLSTSVRPFALVRPPVQVYGIEGRYATALYSAA SKQNKLEQVEKELLRVAQILKEPKVAASVLPYVKRSIKVKSNDITAKERF SPLTTNLINLLAENGRLSNTQGVSAFSTMMSVHRGEVPCTVTASPLEE ATLSELKTVLKSFLSQGQVLKLEAKTDPSILGGMIVRIGEKYVDM SVKTKI QKLGRAMREIV
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	In 1x PBS, pH 7.4
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

### Applications

#### Western Blot (Tissue lysate)



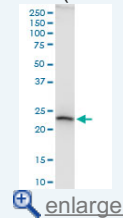
ATP5O MaxPab polyclonal antibody. Western Blot analysis of ATP5O expression in human kidney.

 [Protocol Download](#)

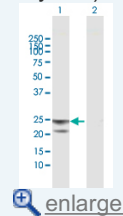
#### Western Blot (Transfected lysate)

### Application Image

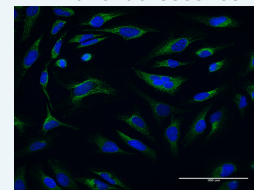
#### Western Blot (Tissue lysate)

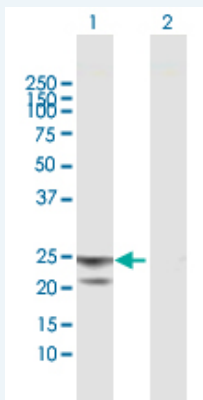


#### Western Blot (Transfected lysate)



#### Immunofluorescence



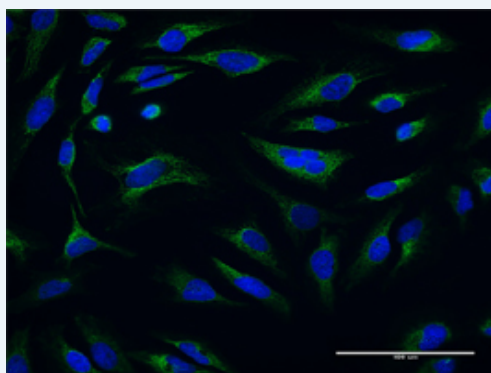


Western Blot analysis of ATP5O expression in transfected 293T cell line ([H00000539-T01](#)) by ATP5O MaxPab polyclonal antibody.

Lane 1: ATP5O transfected lysate(23.54 KDa).  
Lane 2: Non-transfected lysate.

[Protocol Download](#)

### Immunofluorescence



[enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to ATP5O on HeLa cell. [antibody concentration 10 ug/ml]

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### Gene Information

**Entrez GeneID:** [539](#)

**GeneBank** [BC021233](#)  
**Accession#:**

**Protein** [AAH21233](#)  
**Accession#:**

**Gene Name:** ATP5O

**Gene Alias:** ATPO,OSCP

**Gene Description:** ATP synthase, H<sup>+</sup> transporting, mitochondrial F1 complex, O subunit

**Omim ID:** [600828](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** 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. [provided by RefSeq]

**Other** human ATP synthase OSCP subunit,mitochondrial ATP synthase, O  
**Designations:** subunit,oligomycin sensitivity conferring protein

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#### **Gene Pathway**

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[Alzheimer's disease](#) [Huntington's disease](#) [Metabolic pathways](#) [Oxidative phosphorylation](#)  
[Parkinson's disease](#)

#### **Related Disease**

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