



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## ATP5F1 purified MaxPab mouse polyclonal antibody (B02P) MaxPab®

Catalog # : H00000515-B02P

規格 : [ 50 ug ]

List All

### Specification

**Product Description:** Mouse polyclonal antibody raised against a full-length human ATP5F1 protein.

**Immunogen:** ATP5F1 (NP\_001679.2, 1 a.a. ~ 256 a.a) full-length human protein.

**Sequence:**  
 MLSRVLSAAATAAPSLKNA AFLGPGVLQATRTFHTGQPHLVPVPLPE  
 YGGKVRVYGLIPEEFFQFLYPKTGVTGPYVLGTGLILYALSKEIYVISAETF  
 TALSVLGVMVYGIKKYGPFVADFADKLEQKLAQLLEEAKQASIQHIQNAID  
 TEKSQQALVQKRHYLFDVQRNNIAMALEVTYRERLYRVYKEVKNRLDYHI  
 SVQNMRRRKEQEHEMINWVEKHVVQSISTQQEKETIAKCIADLKLAKKAQ  
 AQPVM

**Host:** Mouse

**Reactivity:** Human

**Quality Control Testing:** Antibody reactive against mammalian transfected lysate.

**Storage Buffer:** In 1x PBS, pH 7.4

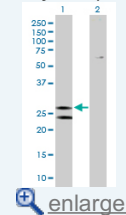
**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


**MSDS:**  [Download](#)

**Datasheet:**  [Download](#)

### Application Image

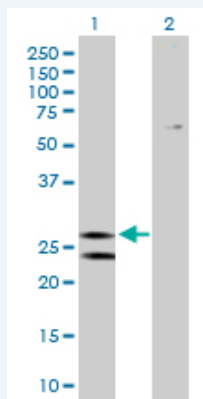
Western Blot (Transfected lysate)



 enlarge


### Applications

Western Blot (Transfected lysate)



Western Blot analysis of ATP5F1 expression in transfected 293T cell line (H00000515-T02) by ATP5F1 MaxPab polyclonal antibody.

Lane 1: ATP5F1 transfected lysate(28.16 KDa).  
 Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Gene Information

Entrez GeneID: [515](#)

GeneBank Accession#: [NM\\_001688.4](#)

Protein Accession#: [NP\\_001679.2](#)

Gene Name: ATP5F1

Gene Alias: MGC24431,PIG47

Gene Description: ATP synthase, H<sup>+</sup> transporting, mitochondrial F0 complex, subunit B1

Omim ID: [603270](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** 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 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 seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). This gene encodes the b subunit of the proton channel. [provided by RefSeq]

**Other Designations:** ATP synthase B chain, mitochondrial,ATP synthase, H<sup>+</sup> transporting, mitochondrial F0 complex, subunit b, isoform 1,H<sup>+</sup>-ATP synthase subunit b,OTTHUMP00000013469,cell proliferation-inducing protein 47

#### Gene Pathway

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