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Produktinformation



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP5B purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00000506-D01P

規格 : [100 ug]

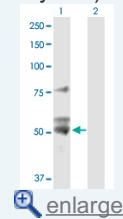
List All

Specification

Product Description:	Rabbit polyclonal antibody raised against a full-length human ATP5B protein.
Immunogen:	ATP5B (NP_001677.2, 1 a.a. ~ 529 a.a) full-length human protein.
Sequence:	MLGFVGRVAAAPASGALRRLTPSASLPPAQLLLRAAPTAVHPVRDYAAQ TSPSPKAGAATGRIVAVIGAVVDVQFDEGLPPILNALEVQGRETRLVLEV AQHLGESTVRTIAMDGTEGLVRGQKVLDSGAPIKIPVGPETLGRIMNVIGE PIDERGPIKTKQF APIHAEAPEFMEMSVEQEILVTGIKVDLLAPYAKGGKI GLFGGAGVGKTVLIMELINNVAKAHGGYSVFAGVGERTREGNDLYHEMI ESGVINLKDATSKVALVYQMNPEPPGARARVALTGLTVAEYFRDQEGQ DVLLFIDNIFRFTQAGSEVSALLGRIPSAVGYQPTLATDMGMTMQRITTTK KGSITSVQAIYVPADDLTPAPATTF AHL DATTVLSRAIAELGIYPAVDPLD STSRIMDPNIVGSEHYDVARGVQKILQDYKSLQDI IAILGMDELSEEDKLTV SRARKIQRFLSQPFQVAEVFTGHMGKLVPLKETIKGFQQILAGEYDHLPE QAFYMGPIEEAVAKADKLAEEHSS
Host:	Rabbit
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

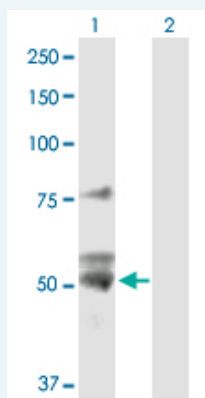
Application Image

Western Blot (Transfected lysate)



Applications

Western Blot (Transfected lysate)



Western Blot analysis of ATP5B expression in transfected 293T cell line (H00000506-T02) by ATP5B MaxPab polyclonal antibody.

Lane 1: ATP5B transfected lysate(56.60 kDa).

Gene Information

Entrez GeneID: [506](#)

**GeneBank
Accession#:** [NM_001686.3](#)

**Protein
Accession#:** [NP_001677.2](#)

Gene Name: ATP5B

Gene Alias: ATPMB,ATPSB,MGC5231

**Gene
Description:** ATP synthase, H⁺ transporting, mitochondrial F1 complex, beta polypeptide

Omim ID: [102910](#)

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 consists of three main subunits (a, b, c). This gene encodes the beta subunit of the catalytic core. [provided by RefSeq]

**Other
Designations:** ATP synthase, H⁺ transporting, mitochondrial F1 complex, beta subunit, mitochondrial ATP synthetase, beta subunit

Gene Pathway

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

Related Disease

[Coronary Artery Disease](#)