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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP5B MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00000506-B01

規格 : [50 uL]

[List All](#)

Specification

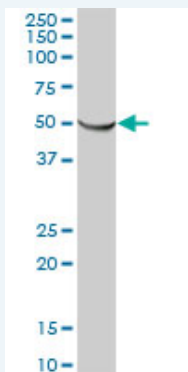
Product Description:	Mouse polyclonal antibody raised against a full-length human ATP5B protein.
Immunogen:	ATP5B (NP_001677.2, 1 a.a. ~ 529 a.a) full-length human protein.
Sequence:	MLGFVGRVAAAPASGALRRLTPSASLPPAQLLLRAAPTAVHPVRDYAAQ TSPSPKAGAATGRIVAVIGAVVDVQFDEGLPILNALEVQGRETSLVLEV AQHLGESTVRTIAMDGTEGLVRGQKVLDSGAPIKIPVGPETLGRIMNVIGE PIDERGPIKTKQF APIHAEPEFMEMSVEQEILVTGIKVVDLLAPYAKGGKI GLFGGAGVGKTVLIMELINNVAKAHGGYSVFAGVGERTREGNDLYHEMI ESGVINLKDATSKVALVYGQMNPPGARARVALTGLTVAEYFRDQEGQ DVLLFIDNIFRFTQAGSEVSALLGRIPSAVGYQPTLATDMGMTMQRITTTK KGSITSVQAIYVPADDLTPAPATTF AHL DATTVLSRAIAELGIYPAVDPLD STSRIMDPNIVGSEHYDVARGVQKILQDYKSLQDI IAILGMDLSEEDKLT SRARKIQRFLSQPFQVAEVFTGHMCKLVPLKETIKGFQQILAGEYDHLPE QAFYMGPIEEAVAKADKLAEEHSS
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	No additive
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note:	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

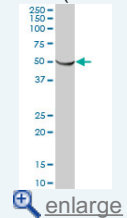
Western Blot (Tissue lysate)



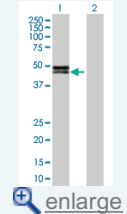
ATP5B MaxPab polyclonal antibody. Western Blot analysis of ATP5B expression in human liver.

Application Image

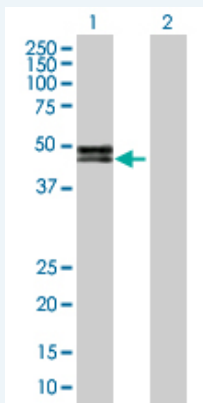
Western Blot (Tissue lysate)



Western Blot (Transfected lysate)



Western Blot (Transfected lysate)



Western Blot analysis of ATP5B expression in transfected 293T cell line ([H00000506-T01](#)) by ATP5B MaxPab polyclonal antibody.

Lane 1: ATP5B transfected lysate(58.19 KDa).
Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [506](#)

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

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

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, F_o, 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](#)

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