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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP4B purified MaxPab mouse polyclonal antibody (B01P) MaxPab®

Catalog # : H00000496-B01P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human ATP4B protein.

Immunogen: ATP4B (AAH29059, 1 a.a. ~ 291 a.a) full-length human protein.

Sequence:
 MAALQEKKTCGQRMEEFQRYCWNPDGQMLGRTLRSRWWWISLYYVAF
 YVMTGLFALCLYVLMQTVDPYTPDYQDQLRSPGVTLRPDVYGEKGLEI
 VYNVSDNRTWADLTQTLHAFLAGYSPAAQEDSINCTSEQYFFQESFRAP
 NHTKFSCKFTADMLQNCGLADPNFGFEEGKPCFIKMNRIKFLPSNGS
 APRVDCAFLDQPRELGQPLQVKYPPNGTFSLHYFPYYGKKAQPHYSN
 PLVAAKLLNIPRVAEVAIVCKVMAEHVTFNPHDPYEGKVEFKLKIEK

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

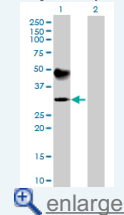
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Application Image

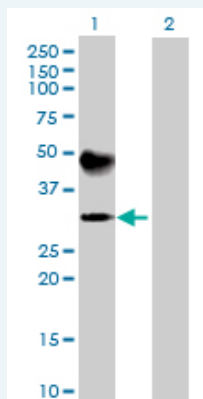
Western Blot (Transfected lysate)



[enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of ATP4B expression in transfected 293T cell line ([H00000496-T01](#)) by ATP4B MaxPab polyclonal antibody.

Lane 1: ATP4B transfected lysate(32.12 KDa).
 Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Information

Entrez GeneID: [496](#)

GeneBank
Accession#: [BC029059](#)

Protein
Accession#: [AAH29059](#)

Gene Name: ATP4B

Gene Alias: ATP6B

Gene
Description: ATPase, H⁺/K⁺ exchanging, beta polypeptide

Omim ID: [137217](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene belongs to a family of P-type cation-transporting ATPases. The gastric H⁺, K⁺-ATPase is a heterodimer consisting of a high molecular weight catalytic alpha subunit and a smaller but heavily glycosylated beta subunit. This enzyme is a proton pump that catalyzes the hydrolysis of ATP coupled with the exchange of H⁽⁺⁾ and K⁽⁺⁾ ions across the plasma membrane. It is also responsible for gastric acid secretion. This gene encodes the beta subunit of the gastric H⁺, K⁺-ATPase. [provided by RefSeq]

Other Designations: ATPase, H⁺/K⁺ transporting, beta polypeptide,gastric H⁺/K⁺ ATPase beta subunit,gastric hydrogen-potassium ATPase, beta,hydrogen/potassium-exchanging ATPase 4B,potassium-transporting ATPase beta chain,proton pump beta chain

Gene Pathway

[Oxidative phosphorylation](#)

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