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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP4B MaxPab mouse polyclonal antibody (B02) MaxPab®

Catalog # : H00000496-B02

規格 : [50 uL]

List All

Specification

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

Immunogen: ATP4B (NP_000696.1, 1 a.a. ~ 291 a.a) full-length human protein.

Sequence:
 MAALQEKKTCGQRMEEFQRYCWNPDGQMLGRTLRSRWWWISLYYVAF
 YVVMTGLFALCLYVLMQTVDPYTPDYQDQLRSPGVTLRPDVYGEKGLEI
 VYNVSDNRTWADLTQTLHAFLAGYSPAAQEDSINCTSEQYFFQESFRAP
 NHTKFSCKFTADMLQNCGLADPNFGFEEGKPCFIKMNRIKFLPSNGS
 APRVDCAFLDQPRELGQPLQVKYPPNGTFSLHYFPYYGKKAQPHYSN
 PLVAAKLLNIPRNAEVAIVCKVMAEHVTFNPHDPYEGKVEFKLIEK

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.

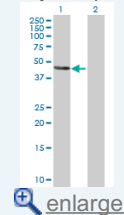
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

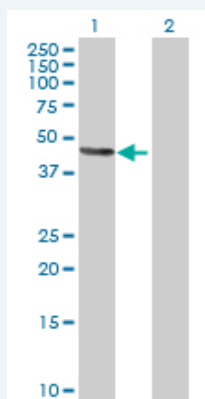
Western Blot (Transfected lysate)



 enlarge

Applications

Western Blot (Transfected lysate)



Western Blot analysis of ATP4B expression in transfected 293T cell line (H00000496-T02) by ATP4B MaxPab polyclonal antibody.

Lane 1: ATP4B transfected lysate(32.01 KDa).

Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [496](#)

GeneBank Accession#: [NM_000705.2](#)

Protein Accession#: [NP_000696.1](#)

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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