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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP4B monoclonal antibody (M10), clone 1D10

Catalog # : H00000496-M10

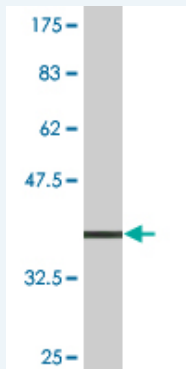
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant ATP4B.
Immunogen:	ATP4B (NP_000696.1, 67 a.a. ~ 176 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DPYTPDYQDQLRSPGVTLRPDVYGEKGLEIVYVNSDNRTWADLTQTLH AFLAGYSPAAQEDSINCTSEYFFQESFRAPNHTKF SCKFTADMLQNC GLADPNFGFEEGK
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.84 KDa) .

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](#)

Applications

Western Blot (Recombinant protein)

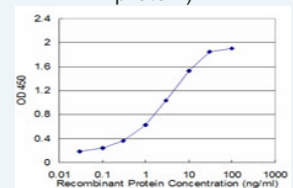
[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Application Image

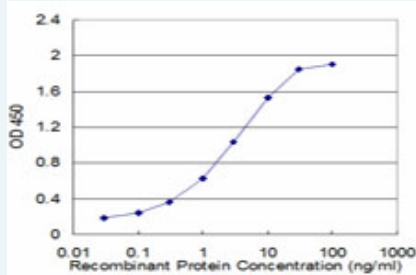
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Detection limit for recombinant GST tagged ATP4B is approximately 0.1ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [496](#)

GeneBank [NM_000705](#)

Accession#:

Protein [NP_000696.1](#)

Accession#:

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](#)

Related Disease

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