

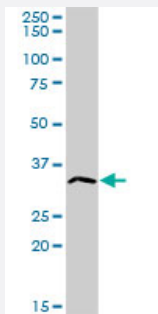
MaxPab®

ATP4B purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000496-D01P

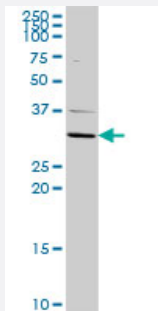
Size 100 ug

Applications



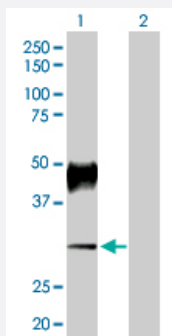
Western Blot (Tissue lysate)

ATP4B MaxPab rabbit polyclonal antibody. Western Blot analysis of ATP4B expression in human pancreas.



Western Blot (Tissue lysate)

ATP4B MaxPab rabbit polyclonal antibody. Western Blot analysis of ATP4B expression in mouse liver.



Western Blot (Transfected lysate)

Western Blot analysis of ATP4B expression in transfected 293T cell line ([H00000496-T03](#)) by ATP4B MaxPab polyclonal antibody.

Lane 1: ATP4B transfected lysate(32.12 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ATP4B protein.

Immunogen	ATP4B (AAH29059, 1 a.a. ~ 291 a.a) full-length human protein.
Sequence	MAALQEKKTCGQRMEEFQRYCWNPD TGQMLGRTL SRVWVISLYYVAFYV VMTGLFALCLYVLM QTVDPYTPDYQDQLRSPGVTLRPDVYGEKGL EYINVSDNRTWADLTQTLHAFLAGYSPAAQEDS INCTSEQYFFQESFRAPNHTKF SCKFTADMLQNC SGLADPNFGFEEGKPCFI IKMNRVKFLPSNG SAPRVDCAFLDQPRELGQPLQVKYYPNGT FSLHYFPYYGKKAQPHYSNPLVAAKLLNIPRNAEV AVCKVMAEHVTFNPHDPYEGKVEFKLKIEK
Host	Rabbit
Reactivity	Human, Mouse
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.

Applications

- Western Blot (Tissue lysate)

ATP4B MaxPab rabbit polyclonal antibody. Western Blot analysis of ATP4B expression in human pancreas.

[Protocol Download](#)

- Western Blot (Tissue lysate)

ATP4B MaxPab rabbit polyclonal antibody. Western Blot analysis of ATP4B expression in mouse liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ATP4B expression in transfected 293T cell line ([H00000496-T03](#)) by ATP4B MaxPab polyclonal antibody.

Lane 1: ATP4B transfected lysate(32.12 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — ATP4B

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 sub unit 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

Pathway

- [Oxidative phosphorylation](#)

Disease

- [Cardiovascular Diseases](#)