

DNAxPAb

Hard-to-Find
Antibody

ATP4B DNAxPab

Catalog # H00000496-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human ATP4B DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)
[Protocol Download](#)
- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

Gene Info — ATP4B

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	<p>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]</p>
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](#)