

Rabbit ATP4B Polyclonal Antibody | anti-ATP4B antibody

ATP4B Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280693	Rabbit	Human, Mouse, Rat	Western Blot

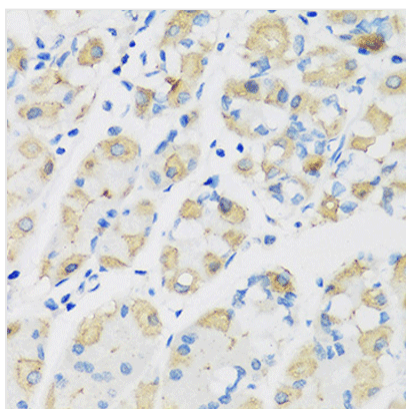
PRODUCT SYNONYMS

ATP4B; Polyclonal Antibody; ATP4B Polyclonal Antibody; ATP4B;ATP6B; anti-ATP4B antibody

PRODUCT SPECIFICATIONS

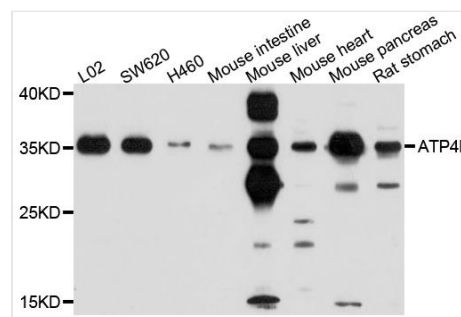
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	291
Applicable Applications for anti-ATP4B antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 62-291 of human ATP4B (NP_000696.1)
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded human stomach using ATP4B antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ATP4B antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-ATP4B antibody	Background: 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
Product Categories/Family for anti-ATP4B antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557339
NCBI GeneID	496
NCBI Accession #	NP_000696.1
NCBI GenBank Nucleotide #	NM_000705.3
UniProt Accession #	P51164; B1B0N8
Molecular Weight	Calculated MW: 33kDa Observed MW: 35kDa
NCBI Official Full Name	potassium-transporting ATPase subunit beta
NCBI Official Synonym Full Names	ATPase H ⁺ /K ⁺ transporting beta subunit
NCBI Official Symbol	ATP4B
NCBI Official Synonym Symbols	ATP6B
NCBI Protein Information	potassium-transporting ATPase subunit beta
UniProt Protein Name	Potassium-transporting ATPase subunit beta
UniProt Gene Name	ATP4B
UniProt Entry Name	ATP4B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.