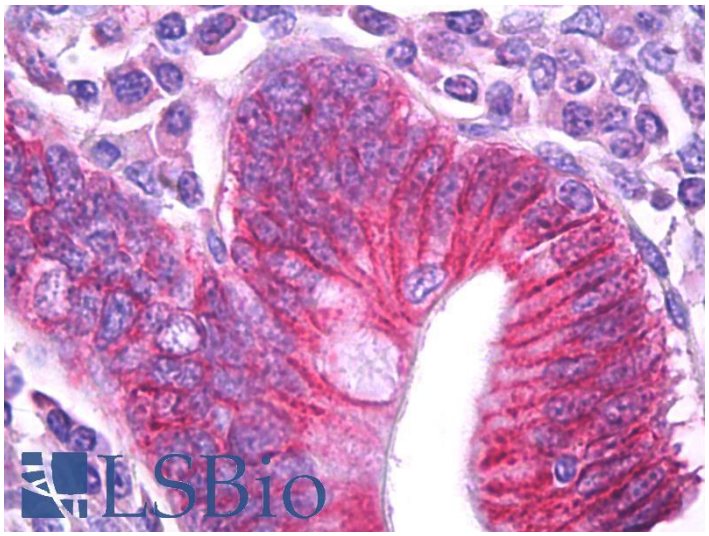
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GOAT ANTI-ATP1B1 ANTIBODY

SKU: EB09640



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	sodium/potassium-transporting ATPase beta-1 chain|sodium/potassium-dependent ATPase beta-1 subunit|adenosinetriphosphatase|OTTHUMP00000032538|OTTHUMP00000032537|Na, K-ATPase beta 1 subunit|Na, K-ATPase beta-1 polypeptide|Na+/K+ -ATPase beta 1 subunit|Beta 1-subunit of Na(+), K(+)-ATPase|MGC1798|ATP1B|ATPase, Na+/K+ transporting, beta 1 polypeptide|ATP1B1
Accession ID	NP_001668.1; NP_001001787.1
Blocking Peptide	EBP09640
Immunogen	Peptide with sequence C-KTEISFRPNDPKSYE, from the internal region of the protein sequence according to NP_001668.1; NP_001001787.1.
Product Comments	This antibody is expected to recognize both reported isoforms (NP_001668.1; NP_001001787.1).
Peptide Sequence	C-KTEISFRPNDPKSYE
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Cow, Pig
Reactive Species	Human, Mouse, Rat
Human Gene ID	481
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Small Intestine. Recommended concentration: 5µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:128000.
Western Blot	Approx 48kDa band observed in Rat Retina lysates and 50kDa in Mouse and Rat Kidney lysates (calculated MW of 35.1kDa according to Human NP_001668.1, 35.2kDa according to Mouse NP_033851.1 and Rat NP_037245.2).The observed molecular weight corresponds to the glycosylated form (PMID: 20130120). Recommended concentration: 0.1-0.3µg/ml.
Application Type	Pep-ELISA, WB, IHC

DOCUMENTS

- Data Sheet

GALLERY IMAGES

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