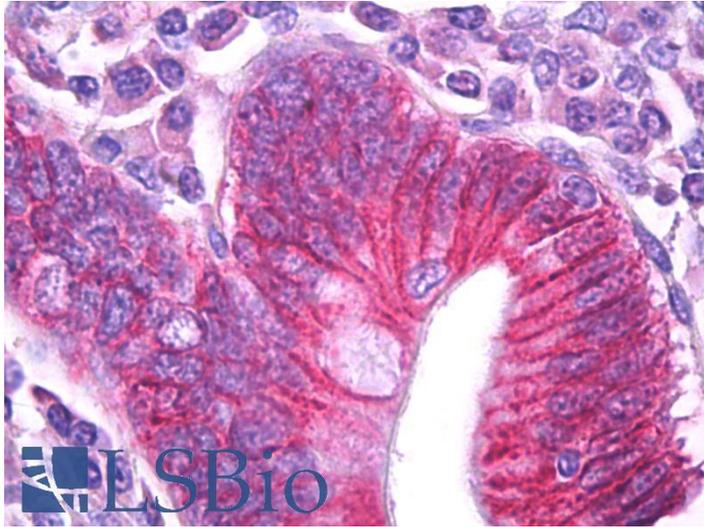




# GOAT ANTI-ATP1B1 ANTIBODY

**SKU:** EB09640



## SPECIFICATIONS

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



|                              |  |
|------------------------------|--|
| <b>Shipping Instructions</b> | Refrigerated   |
| <b>Predicted Species</b>     | Human, Mouse, Rat, Dog, Cow, Pig   |
| <b>Reactive Species</b>      | Human, Mouse, Rat  |
| <b>Human Gene ID</b>         | 481  |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png</a>  |
| <b>IHC Results</b>           | Paraffin embedded Human Small Intestine. Recommended concentration: 5µg/ml.  |
| <b>ELISA Detection Limit</b> | Antibody detection limit dilution 1:128000.  |
| <b>Western Blot</b>          | 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. |
| <b>Application Type</b>      | Pep-ELISA, WB, IHC   |

## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

