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anti-ATP1B1 antibody (Internal Region)

2 Images



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Overview

Quantity:	100 μg
Target:	ATP1B1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ATP1B1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	ATP1B1
Immunogen:	C-KTEISFRPNDPKSYE
Sequence:	KTEISFRPND PKSYE
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001668.1, NP_001001787.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	ATP1B1
Alternative Name:	ATP1B1 (ATP1B1 Products)
Background:	ATP1B1, ATPase, Na+/K+ transporting, beta 1 polypeptide, ATP1B, MGC1798, Beta 1-subunit of Na(+),K(+)-ATPase, Na+/K+ -ATPase beta 1 subunit, Na, K-ATPase beta-1 polypeptide, Na,K-ATPase beta 1 subunit, OTTHUMP00000032537, OTTHUMP00000032538, adenosinetrip
Gene ID:	481
Gene ID: NCBI Accession:	481 NP_001668, NP_001001787

Application Details

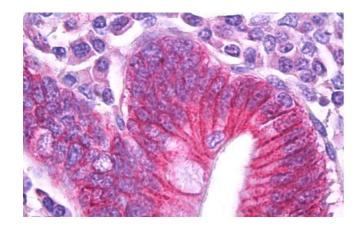
Application Notes:	Immunohistochemistry: Paraffin embedded Human Small Intestine. Recommended
	concentration: 5 μg/mL.
	Western Blot: Approx 48 kDa band observed in Rat Retina lysates and 50 kDa in Mouse and Rat
	Kidney lysates (calculated MW of 35.1 kDa according to Human NP_001668.1, 35.2 kDa
	according to Mouse NP_033851.1 and Rat NP_037245.2). The observed molecular weight
	Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.

Images



Immunohistochemistry

Image 1. ABIN571055 (5μg/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

150kDa 150kDa 100kDa 75kDa

37kDa

25kDa

20kDa

15kDa

Western Blotting

Image 2. ABIN571055 (0.1μg/ml) staining of Rat Retina lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.