Datasheet for ABIN635356

anti-ATP1B4 antibody

1 Image

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Overview

Quantity:	100 µL
Target:	ATP1B4
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATP1B4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	ATP1 B4 antibody was raised using a synthetic peptide corresponding to a region with amino acids ACQFKRSFLKNCSGLEDPTFGYSTGQPCILLKMNRIVGFRPELGDPVKVS
Purification:	Affinity purified

Target Details

Target:	ATP1B4
Alternative Name:	ATP1B4 (ATP1B4 Products)
Background:	This gene has been found in all vertebrate genomes sequenced to date. However, this gene has undergone a change in function in placental mammals compared to other species. Specifically, in fish, avian, and amphibian species, this gene encodes plasma membrane-bound beta-subunits of Na,K-ATPase. In placental mammals, the encoded protein interacts with the nuclear transcriptional coregulator SKIP and may be involved in the regulation of TGF-beta signaling.

Target Details

	Two transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	41 kDa (MW of target protein)
Pathways:	Thyroid Hormone Synthesis, Proton Transport

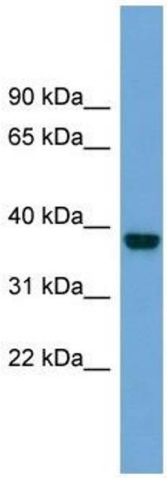
Application Details

Application Notes:	WB: 1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	ATP1B4 Blocking Peptide, catalog no. 33R-1078, is also available for use as a blocking control in assays to test for specificity of this ATP1B4 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of ATP0 4 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Western Blotting

Image 1. ATP1B4 antibody used at 1 ug/ml to detect target protein.