Datasheet for ABIN1538379

anti-IQCB1 antibody (AA 384-411)

1 Image

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Overview

Quantity:	400 µL
Target:	IQCB1
Binding Specificity:	AA 384-411
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IQCB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This IQCB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 384-411 amino acids from the Central region of human IQCB1.
Clone:	RB36926
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	IQCB1
Alternative Name:	IQCB1 (IQCB1 Products)
Background:	This gene encodes a nephrocystin protein that interacts with calmodulin and the retinitis

Target Details

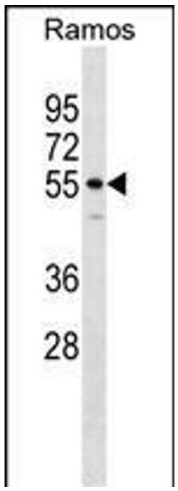
	pigmentosa GTPase regulator protein. The encoded protein has a central coiled-coil region and two calmodulin-binding IQ domains. It is localized to the primary cilia of renal epithelial cells and connecting cilia of photoreceptor cells. The protein is thought to play a role in ciliary function. Defects in this gene result in Senior-Loken syndrome type 5. Alternative splicing results in multiple transcript variants.
Molecular Weight:	68929
Gene ID:	9657
NCBI Accession:	NP_001018864, NP_001018865
UniProt:	Q15051

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	IQCB1 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. IQCB1 Antibody (Center) (ABIN1538379 and ABIN2848714) western blot analysis in Ramos cell line lysates (35 µg/lane).This demonstrates the IQCB1 antibody detected the IQCB1 protein (arrow).