

Datasheet for ABIN7115509 anti-IQCB1 antibody



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Overview

Quantity:	100 µg
Target:	IQCB1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	IQ motif containing B1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	IQCB1
Alternative Name:	NPHP5,IQCB1 (IQCB1 Products)
Background:	<p>Synonyms:IQ motif containing B1, IQCB1, KIAA0036, Nephrocystin 5, NPHP5, PIQ, SLSN5</p> <p>Background:IQCB1, also known as NPHP5, is a nephrocystin protein that interacts with calmodulin and the retinitis pigmentosa GTPase regulator protein. It has a central coiled-coil region and two calmodulin-binding IQ domains. Localized to the primary cilia of renal epithelial cells and connecting cilia of photoreceptor cells, IQCB1 is thought to play a role in ciliary</p>

Target Details

function. Mutations in this gene result in Senior-Loken syndrome type 5, a juvenile disorder characterized by defects in the waste filtering system of the kidney, as well as retinal degradation.

UniProt: [Q15051](#)

Application Details

Application Notes: IF: 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months