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Datasheet for ABIN7451182 **anti-IQCB1 antibody (AA 548-598)**

Overview

Quantity:	100 µg
Target:	IQCB1
Binding Specificity:	AA 548-598
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IQCB1 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-IQCB1 Antibody, Affinity Purified
Immunogen:	Between AA 548 and 598
Isotype:	IgG
Predicted Reactivity:	Mouse
Purification:	Affinity Purified

Target Details

Target:	IQCB1
Alternative Name:	IQCB1 (IQCB1 Products)
Background:	Background: IQ calmodulin-binding motif-containing protein 1 (IQCB1) is a nephrocystin protein

Target Details

that interacts with calmodulin and the retinitis pigmentosa GTPase regulator protein. IQCB1 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. IQCB1 is thought to play a role in ciliary function. Defects in this gene result in Senior-Loken syndrome type 5 [taken from NCBI Entrez Gene (Gene ID: 9657)].

Gene ID: 9657

UniProt: [Q15051](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: Not recommended. ABIN7451182 has not performed satisfactorily when used for WB of IQCB1 in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of IQCB1.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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

Expiry Date: 12 months