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Datasheet for ABIN7117651
anti-PKD2L1 antibody

Overview

Quantity:	100 µg
Target:	PKD2L1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKD2L1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	polycystic kidney disease 2-like 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	PKD2L1
Alternative Name:	PKD2L1 (PKD2L1 Products)
Background:	Synonyms:PKD2L, PKDL, TRPP3 Background:Pore-forming subunit of a ciliary calcium channel that controls calcium concentration within primary cilia without affecting cytoplasmic calcium concentration. Forms a heterodimer with PKD1L1 in primary cilia and forms a calcium-permeant ciliary channel that regulates sonic hedgehog/SHH signaling and GLI2 transcription.

Target Details

May act as a sour taste receptor by forming a calcium channel with PKD1L3 in gustatory cells, however, its contribution to sour taste perception is unclear in vivo and may be indirect.

Molecular Weight: 92 kDa

Gene ID: 9033

UniProt: [Q9P0L9](#)

Application Details

Application Notes: WB: 1:500-1:2000

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