

Anti-Human PKD2L1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA07340

3th Edition

Description: This gene encodes a member of the polycystin protein family. The encoded protein contains multiple transmembrane domains, and cytoplasmic N- and C-termini. The protein may be an integral membrane protein involved in cell-cell/matrix interactions. This protein functions as a calcium-regulated nonselective cation channel. Two transcript variants encoding different isoforms have been found for this gene.

Antigen: Synthetic peptide of human PKD2L1

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expressed in adult heart, skeletal muscle, brain, spleen, testis, retina and liver. According to PubMed:9748274, expressed at high levels in fetal tissues, including kidney and liver, and down-regulated in adult tissues. According to PubMed:10602361, expressed in fetal brain, but not expressed in fetal lung, liver or kidney. Isoform 4 appears to be expressed only in transformed lymphoblasts.