

Anti-Human/Mouse PKP4 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04069

3th Edition

Description:PKP4 (Plakophilin 4) is a Protein Coding gene. Diseases associated with PKP4 include Arrhythmogenic Right Ventricular Cardiomyopathy. Among its related pathways are Cell adhesion_Endothelial cell contacts by junctional mechanisms and Keratinization. GO annotations related to this gene include binding. An important paralog of this gene is CTNND2.Armadillo-like proteins are characterized by a series of armadillo repeats, first defined in the Drosophila 'armadillo' gene product, that are typically 42 to 45 amino acids in length. These proteins can be divided into subfamilies based on their number of repeats, their overall sequence similarity, and the dispersion of the repeats throughout their sequences. Members of the p120(ctn)/plakophilin subfamily of Armadillo-like proteins, including CTNND1, CTNND2, PKP1, PKP2, PKP4, and ARVCF. PKP4 may be a component of desmosomal plaque and other adhesion plaques and is thought to be involved in regulating junctional plaque organization and cadherin function. Multiple transcript variants encoding different isoforms have been found for this gene.

Antigen:Synthesized peptide derived from the Internal region of human Plakophilin 4

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: