

产品名称: Plakophilin 4 Rabbit Polyclonal Antibody
产品货号: APRab16238



产品概述 (Summary)

产品名称 (Production Name)	Plakophilin 4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PKP4
别名 (Alternative Names)	PKP4; Plakophilin-4; p0071
基因 ID (Gene ID)	604276.0
蛋白 ID (SwissProt ID)	Q99569.The antiserum was produced against synthesized peptide derived from human PKP4. AA range:185-234

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	130kDa

研究背景 (Background)

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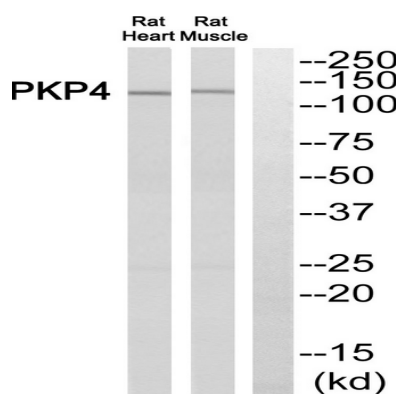


Armadillo-like proteins are characterized by a series of armadillo repeats, first defined in the *Drosophila* 'armadillo' gene product, that are typically 42 to 45 amino acids in length. These proteins can be divided into subfamilies based on their number of repeats, their overall sequence similarity, 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. [provided by RefSeq, Feb 2015], function: May play a role in junctional plaques., PTM: Phosphorylated upon DNA damage, probably by ATM or ATR., similarity: Belongs to the beta-catenin family., similarity: Contains 9 ARM repeats., subcellular location: Colocalized with desmoplakin at desmosomal junctional plaques in cultured epithelial cells., subunit: Interacts with PDZD2.,

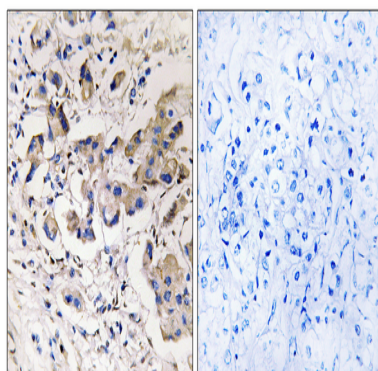
研究领域 (Research Area)

Signal Transduction; Cytoskeleton / ECM; Extracellular Matrix; Structures; Desmosomes

图片 (Image Data)

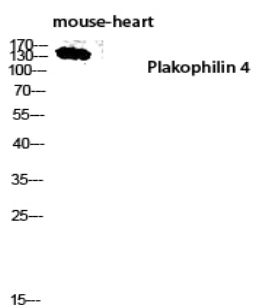


Western blot analysis of PKP4 Antibody. The lane on the right is blocked with the PKP4 peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using PKP4 Antibody. The lane on the right is blocked with the PKP4 peptide.

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Western blot analysis of mouse-heart lysis using Plakophilin 4 antibody. Antibody was diluted at 1:2000

注意事项 (Note)

For research use only .