

Plakophilin 2 (P663) polyclonal antibody

Catalog: BS3368

Host: Rabbit

Reactivity: Human, Rat

BackGround:

Plakophilins 1, 2, 3 and 4 (PKP1-4) influence development and participate in linking cadherins to cytoskeletal intermediate filaments. Plakophilins 1-4 contain arm-repeat (armadillo) domains and localize to nuclei and cell desmosomes (cell-cell junctions found in suprabasal layers of stratifying epithelia that undergo mechanical stress). Plakophilin 1 mediates increases in desmosomal protein content, desmosome assembly and regulation of cell migration. Plakophilin 2 is important for desmosome assembly and is an essential morphogenic factor and architectural component of the heart. Plakophilin 4 is a component of desmosomal adhesion plaques that regulates junctional plaque organization and cadherin function.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 97 kDa

Swiss-Prot:

Q99959

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

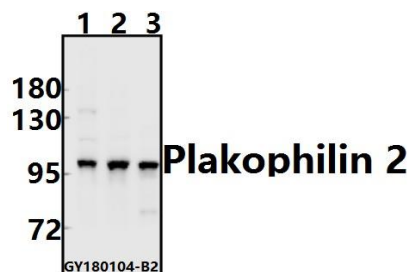
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Plakophilin 2 (P663) polyclonal antibody detects endogenous levels of Plakophilin 2 protein.

DATA:



Western blot (WB) analysis of Plakophilin 2 (P663) pAb at 1:500 dilution

Lane1:SGC7901 whole cell lysate(20ug)

Lane2:HCT116 whole cell lysate(20ug)

Lane3:The Heart tissue lysate of Rat(20ug)

Note:

For research use only, not for use in diagnostic procedure.

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