

Plakophilin 3 polyclonal antibody

Catalog: BS31856

Host: Rabbit

Reactivity: Human

BackGround:

Plakophilin-3: A component of desmosome cell-cell junctions which are required for positive regulation of cellular adhesion . Required for the localization of DSG2, DSP and PKP2 to mature desmosome junctions . May also play a role in the maintenance of DSG3 protein abundance in keratinocytes (By similarity). Required for the formation of DSP-containing desmosome precursors in the cytoplasm during desmosome assembly . Also regulates the accumulation of CDH1 to mature desmosome junctions, via cAMP-dependent signaling and its interaction with activated RAP1A . Positively regulates the stabilization of PKP2 mRNA and therefore protein abundance, via its interaction with FXR1, may also regulate the protein abundance of DSP via the same mechanism . May also regulate the protein abundance of the desmosome component PKP1 (By similarity). Required for the organization of desmosome junctions at intercellular b...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~87.1 kDa

Swiss-Prot:

Q9Y446

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of Plakophilin 3 protein.

DATA:



Note:

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

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