

DATASHEET

Desmocollin 2 Rabbit Polyclonal Antibody

CAT. NO. APA13864

KEY FEATURES

Target	Desmocollin 2	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

A component of desmosome cell-cell junctions which are required for positive regulation of cellular adhesion . Promotes timely incorporation of DSG2 into desmosome intercellular junctions and promotes interaction of desmosome cell junctions with intermediate filament cytokeratin, via modulation of DSP phosphorylation . Plays an important role in desmosome-mediated maintenance of intestinal epithelial cell intercellular adhesion strength and barrier function . Positively regulates wound healing of intestinal mucosa via promotion of epithelial cell migration, and also plays a role in mechanotransduction of force between intestinal epithelial cells and extracellular matrix .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

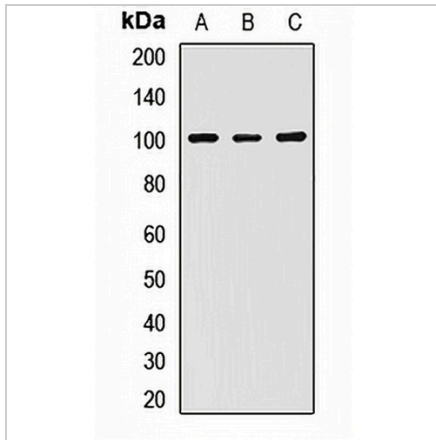
Description	Rabbit polyclonal antibody to Desmocollin 2
Specificity	Recognizes endogenous levels of Desmocollin 2 protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Desmocollin 2
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 99 kD; Observed: 100 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CDHF2; DSC3; Desmocollin-2; Cadherin family member 2; Desmocollin-3; Desmosomal glycoprotein II; Desmosomal glycoprotein III
Gene Symbol	DSC2
Entrez Gene	1824(Human)
SwissProt	Q02487(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Desmocollin 2 expression in A431 (A), Raji (B), HT90 (C) whole cell lysates. (Predicted band size: 99 kD; Observed band size: 100 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.