

Datasheet for ABIN2855411
anti-Desmoglein 2 antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	Desmoglein 2 (DSG2)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Desmoglein 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human Desmoglein 2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to Desmoglein 2 (desmoglein-2) Desmoglein 2 antibody [N1N2], N-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	Desmoglein 2 (DSG2)
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Target Details

Alternative Name:	desmoglein 2 (DSG2 Products)
Background:	<p>Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. This gene product is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all are members of the cadherin cell adhesion molecule superfamily. These desmoglein gene family members are located in a cluster on chromosome 18. This second family member is expressed in colon, colon carcinoma, and other simple and stratified epithelial-derived cell lines. Mutations in this gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10.</p> <p>Cellular Localization: Cell membrane , Cell junction , desmosome</p>
Molecular Weight:	122 kDa
Gene ID:	1829
UniProt:	Q14126
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Validation: Orthogonal
Restrictions:	For Research Use only

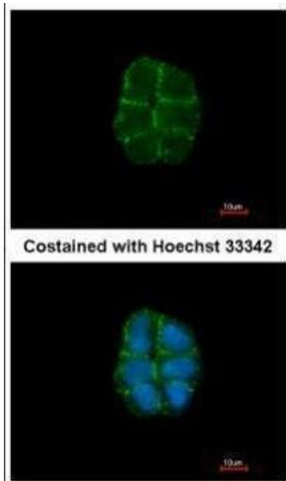
Handling

Format:	Liquid
Concentration:	0.36 mg/mL
Buffer:	1XPBS (pH 7), 1 % BSA, 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

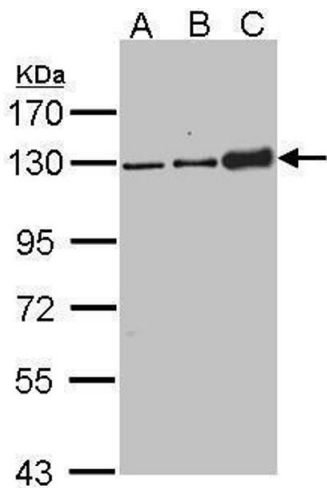
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Images



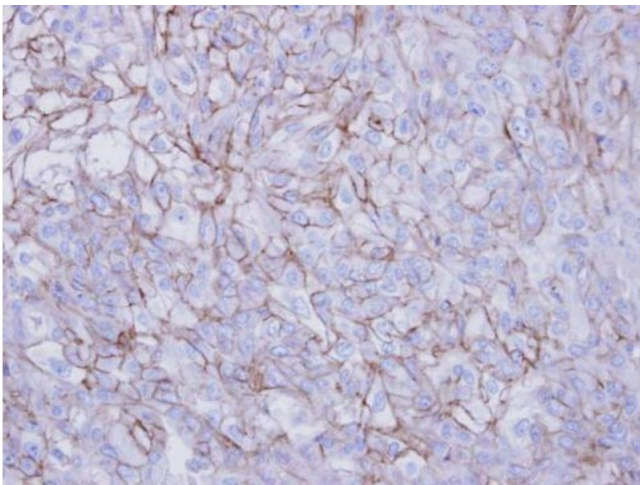
Immunofluorescence

Image 1. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed A431, using Desmoglein 2, antibody at 1:500 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: 293T B: H1299 C: Molt-4 , 7.5% SDS PAGE antibody diluted at 1:1000



Immunohistochemistry

Image 3. IHC-P Image Immunohistochemical analysis of paraffin-embedded DU145 xenograft , using Desmoglein-2, antibody at 1:100 dilution.