

Datasheet for ABIN2856641  
**anti-Desmocollin 2 antibody**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	Desmocollin 2 (DSC2)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Desmocollin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Desmocollin 2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit polyclonal antibody to Desmocollin 2 (desmocollin 2) Desmocollin 2 antibody [C1C2], Internal
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	Desmocollin 2 (DSC2)
Alternative Name:	desmocollin 2 ( <a href="#">DSC2 Products</a> )

## Target Details

**Background:** The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. The desmosomal family members are arranged in two clusters on chromosome 18, occupying less than 650 kb combined. Mutations in this gene are associated with arrhythmogenic right ventricular dysplasia-11. Alternative splicing results in two transcript variants encoding distinct isoforms.

Cellular Localization: Cell membrane , Cell junction , desmosome

**Molecular Weight:** 100 kDa

**Gene ID:** 1824

**UniProt:** [Q02487](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. 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:** 1 mg/mL

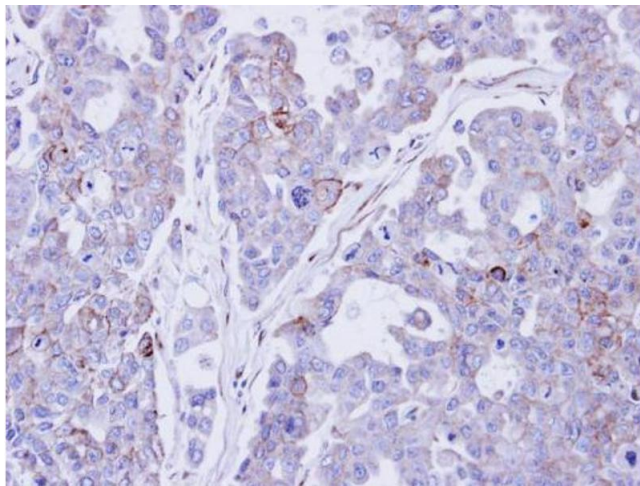
**Buffer:** 1XPBS pH 7, 20 % Glycerol, 0.025 % ProClin 300

**Preservative:** ProClin

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

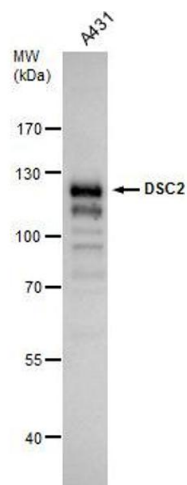
**Storage:** 4 °C, -20 °C

**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.



#### Immunohistochemistry

**Image 1.** IHC-P Image Immunohistochemical analysis of paraffin-embedded OVCAR3 xenograft , using Desmocollin 2 , antibody at 1:500 dilution.



#### Western Blotting

**Image 2.** WB Image Desmocollin 2 antibody [C1C2], Internal detects Desmocollin 2 protein by western blot analysis. Whole cell extracts (30 µg) was separated by 7.5 % SDS-PAGE, and blotted with Desmocollin 2 antibody [C1C2], Internal , diluted by 1:500