

Datasheet for ABIN7149771
anti-Desmocollin 3 antibody (AA 712-896)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	Desmocollin 3 (DSC3)
Binding Specificity:	AA 712-896
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Desmocollin 3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Desmocollin-3 protein (712-896AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Desmocollin 3 (DSC3)
Alternative Name:	DSC3 (DSC3 Products)
Background:	Background: Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. May contribute to

Target Details

epidermal cell positioning (stratification) by mediating differential adhesiveness between cells that express different isoforms.

Aliases: Cadherin family member 3 antibody, CDHF3 antibody, desmocollin 3a/3b antibody, Desmocollin 4 antibody, Desmocollin-3 antibody, Desmocollin-4 antibody, Desmocollin3 antibody, Desmocollin4 antibody, DSC antibody, DSC1 antibody, DSC2 antibody, DSC3 antibody, DSC3_HUMAN antibody, DSC4 antibody, HT CP antibody, HT-CP antibody, HTCP antibody

UniProt: [Q14574](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

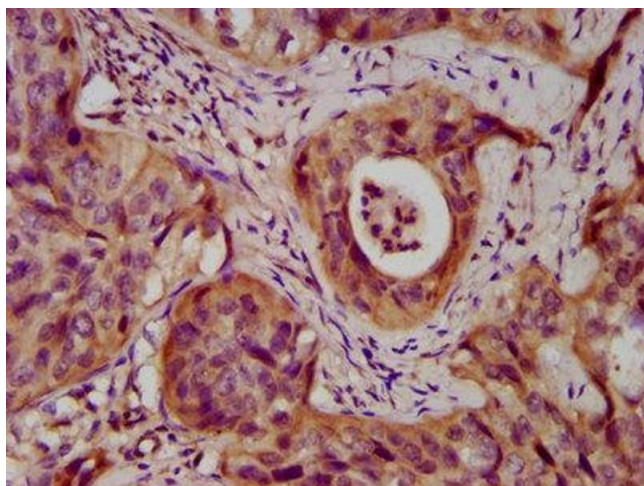
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

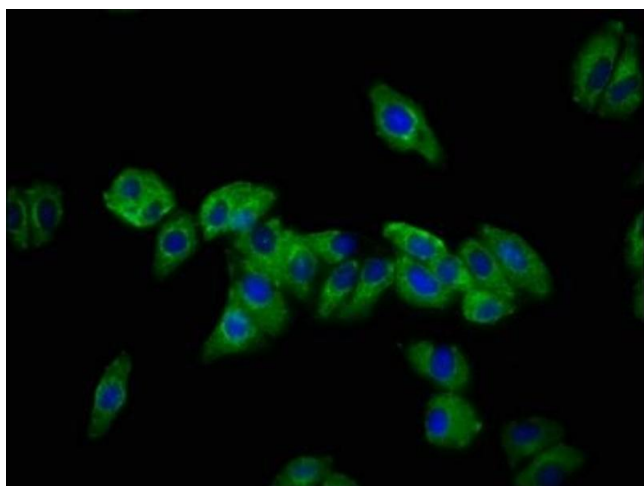
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



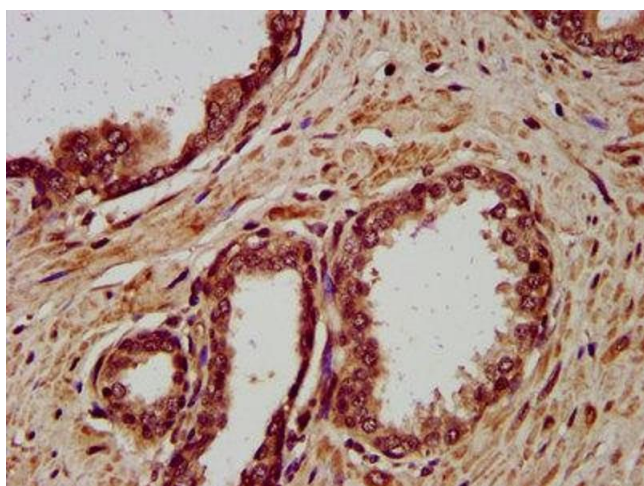
Immunohistochemistry

Image 1. IHC image of ABIN7149771 diluted at 1:400 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HepG2 cells with ABIN7149771 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 3. IHC image of ABIN7149771 diluted at 1:400 and staining in paraffin-embedded human prostate cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.