

Datasheet for ABIN7140086
anti-DCHS1 antibody (AA 2964-2981)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	DCHS1
Binding Specificity:	AA 2964-2981
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DCHS1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Peptide sequence from Human Protocadherin-16 protein (2964-2981AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	DCHS1
Alternative Name:	DCHS1 (DCHS1 Products)
Background:	Background: Calcium-dependent cell-adhesion protein. Mediates functions in neuroprogenitor cell proliferation and differentiation. In the heart, has a critical role for proper morphogenesis of

Target Details

the mitral valve, acting in the regulation of cell migration involved in valve formation (PubMed:26258302).

Aliases: 3110041P15Rik antibody, C130033F22Rik antibody, Cadherin-19 antibody, Cadherin-25 antibody, CDH19 antibody, CDH25 antibody, dachsous 1 (Drosophila) antibody, DCHS1 antibody, FIB1 antibody, Fibroblast cadherin-1 antibody, KIAA1773 antibody, OTTMUSP00000015964 antibody, PCD16_HUMAN antibody, PCDH16 antibody, Protein dachsous homolog 1 antibody, Protocadherin-16 antibody

UniProt: [Q96JQ0](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

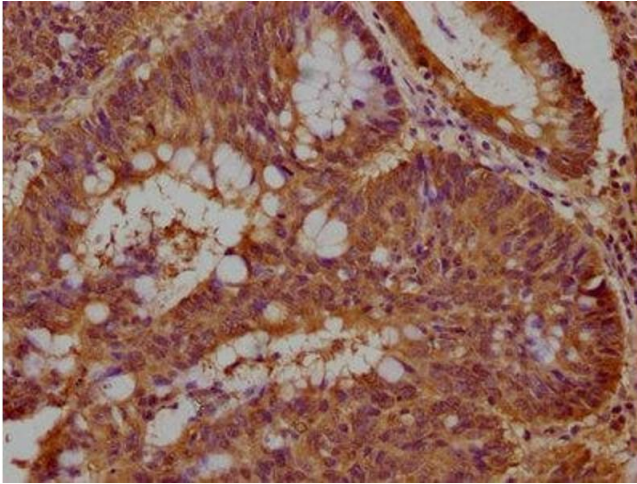
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

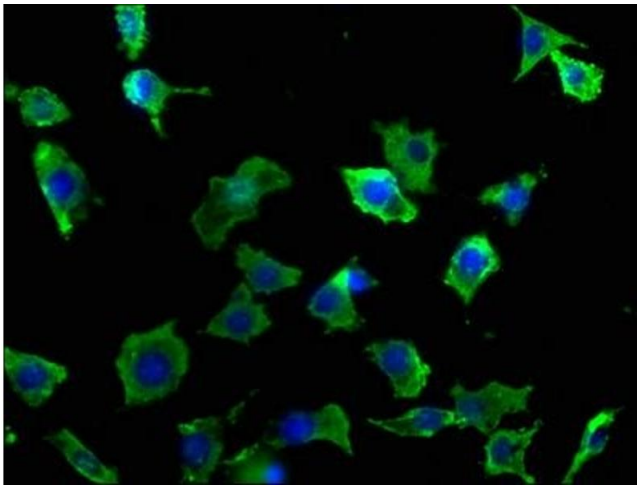
Storage: -20 °C, -80 °C

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



Immunohistochemistry

Image 1. IHC image of ABIN7140086 diluted at 1:100 and staining in paraffin-embedded human colon 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 30 min 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 SH-SY5Y cells with ABIN7140086 at 1:50, 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).