

Datasheet for ABIN7146190

anti-E-cadherin antibody (AA 153-641)



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4 Images

Overview

Quantity:	100 µg
Target:	E-cadherin (CDH1)
Binding Specificity:	AA 153-641
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This E-cadherin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Cadherin-1 protein (153-641AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	E-cadherin (CDH1)
Alternative Name:	CDH1 (CDH1 Products)
Background:	Background: Cadherins are calcium-dependent cell adhesion proteins (PubMed:11976333). They preferentially interact with themselves in a homophilic manner in connecting cells,

Target Details

cadherins may thus contribute to the sorting of heterogeneous cell types. CDH1 is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells (PubMed:11976333). Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7.

Aliases: Arc 1 antibody, CADH1_HUMAN antibody, Cadherin 1 antibody, cadherin 1 type 1 E-cadherin antibody, Cadherin-1 antibody, Cadherin1 antibody, CAM 120/80 antibody, CD 324 antibody, CD324 antibody, CD324 antigen antibody, cdh1 antibody, CDHE antibody, E-Cad/CTF3 antibody, E-cadherin antibody, ECAD antibody, Epithelial cadherin antibody, epithelial calcium dependant adhesion protein antibody, LCAM antibody, Liver cell adhesion molecule antibody, UVO antibody, Uvomorulin antibody

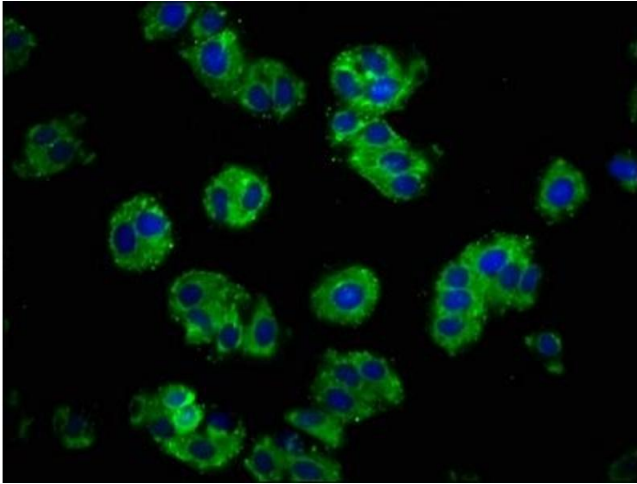
UniProt:	P12830
Pathways:	WNT Signaling , Sensory Perception of Sound , Cell-Cell Junction Organization , Tube Formation

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only

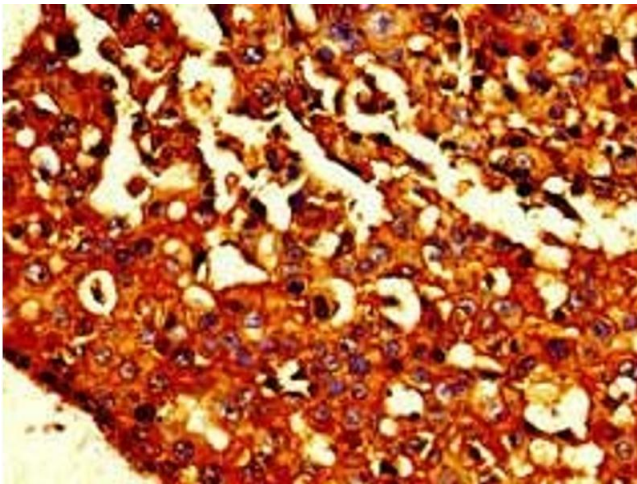
Handling

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.



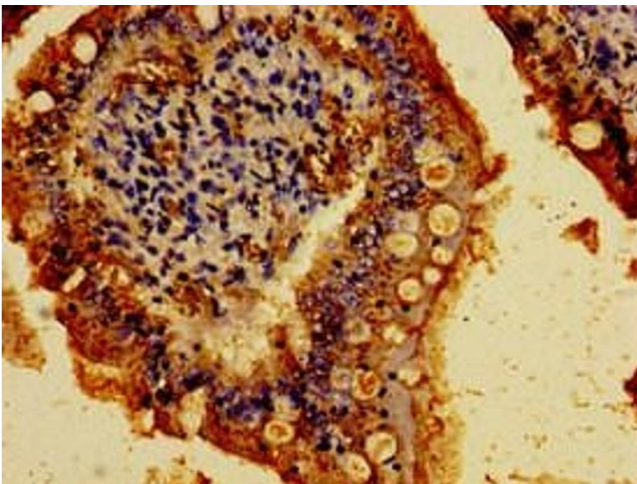
Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7146190 at 1:100, 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 2. Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7146190 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7146190 at dilution of 1:100

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7146190.