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Datasheet for ABIN7146988  
**anti-CTNND1 antibody (AA 482-605)**

3 Images

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg   |
| Target:              | CTNND1   |
| Binding Specificity: | AA 482-605   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This CTNND1 antibody is un-conjugated                      |
| Application:         | ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant Human Catenin delta-1 protein (482-605AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified                              |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | CTNND1   |
| Alternative Name: | CTNND1 ( <a href="#">CTNND1 Products</a> )   |
| Background:       | Background: Binds to and inhibits the transcriptional repressor ZBTB33, which may lead to activation of target genes of the Wnt signaling pathway (By similarity). Associates with and |

## Target Details

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regulates the cell adhesion properties of both C-, E- and N-cadherins, being critical for their surface stability. Implicated both in cell transformation by SRC and in ligand-induced receptor signaling through the EGF, PDGF, CSF-1 and ERBB2 receptors. Promotes GLIS2 C-terminal cleavage.

Aliases: Cadherin associated Src substrate antibody, Cadherin-associated Src substrate antibody, CAS antibody, Catenin (cadherin associated protein) delta 1 antibody, Catenin delta 1 antibody, Catenin delta antibody, Catenin delta-1 antibody, CTND1\_HUMAN antibody, CTNND 1 antibody, CTNND antibody, CTNND1 antibody, delta 1 Catenin antibody, KIAA0384 antibody, p120 antibody, P120 CAS antibody, p120 catenin antibody, P120 CTN antibody, p120(cas) antibody, p120(ctn) antibody, P120CAS antibody, P120CTN antibody

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UniProt: [O60716](#)

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Pathways: [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Cell-Cell Junction Organization](#), [CXCR4-mediated Signaling Events](#), [Platelet-derived growth Factor Receptor Signaling](#)

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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

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Preservative: ProClin

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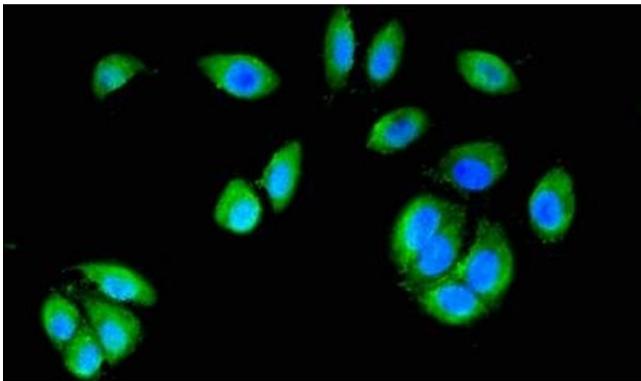
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

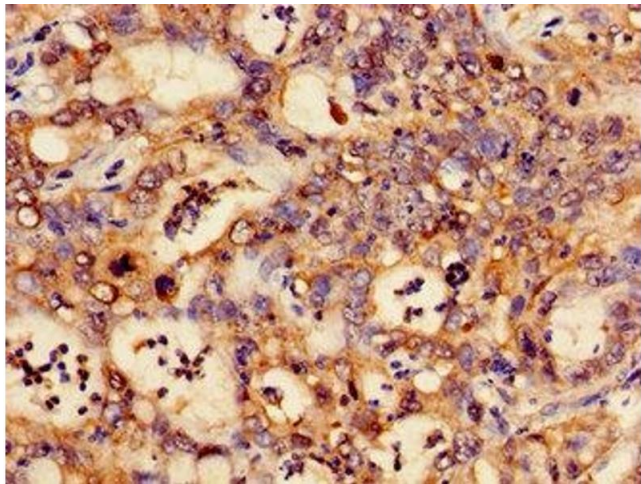
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



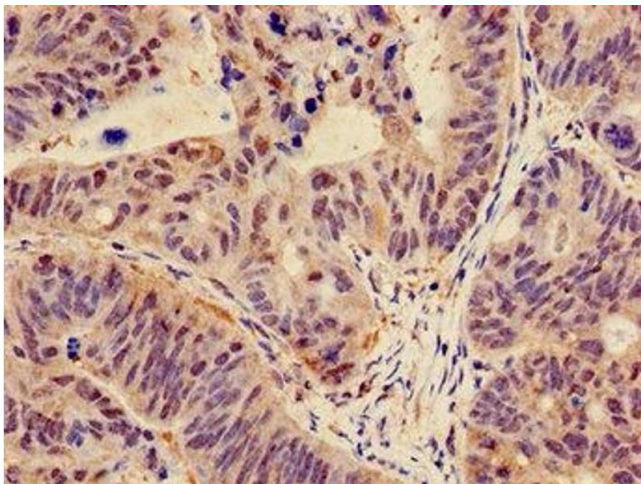
#### Immunofluorescence

**Image 1.** Immunofluorescent analysis of A549 cells using ABIN7146988 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7146988 at dilution of 1:100



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7146988 at dilution of 1:100