



[Go to Product page](#)

Datasheet for ABIN7163108  
**anti-CDS1 antibody (AA 6-85)**

3 Images

Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg   |
| Target:              | CDS1   |
| Binding Specificity: | AA 6-85  |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This CDS1 antibody is un-conjugated                        |
| Application:         | ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF) |

Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant Human Phosphatidate cytidyltransferase 1 protein (6-85AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified  |

Target Details

|                   |   |
|-------------------|---|
| Target:           | CDS1  |
| Alternative Name: | CDS1 ( <a href="#">CDS1 Products</a> )  |
| Background:       | Background: Provides CDP-diacylglycerol, an important precursor for the synthesis of phosphatidylinositol (PtdIns), phosphatidylglycerol, and cardiolipin. Overexpression may amplify |

## Target Details

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cellular signaling responses from cytokines. May also play an important role in the signal transduction mechanism of retina and neural cells.

Aliases: CDP DAG synthase 1 antibody, CDP DG synthetase 1 antibody, CDP diacylglycerol synthase (phosphatidate cytidyltransferase) 1 antibody, CDP diacylglycerol synthase 1 antibody, CDP diglyceride pyrophosphorylase 1 antibody, CDP diglyceride synthetase 1 antibody, CDP-DAG synthase 1 antibody, CDP-DG synthase 1 antibody, CDP-diacylglycerol synthase 1 antibody, CDP-diglyceride pyrophosphorylase 1 antibody, CDP-diglyceride synthase 1 antibody, CDS 1 antibody, CDS antibody, CDS1 antibody, CDS1\_HUMAN antibody, CTP:phosphatidate cytidyltransferase 1 antibody, Phosphatidate cytidyltransferase 1 antibody

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UniProt: [Q92903](#)

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Pathways: [Inositol Metabolic Process](#)

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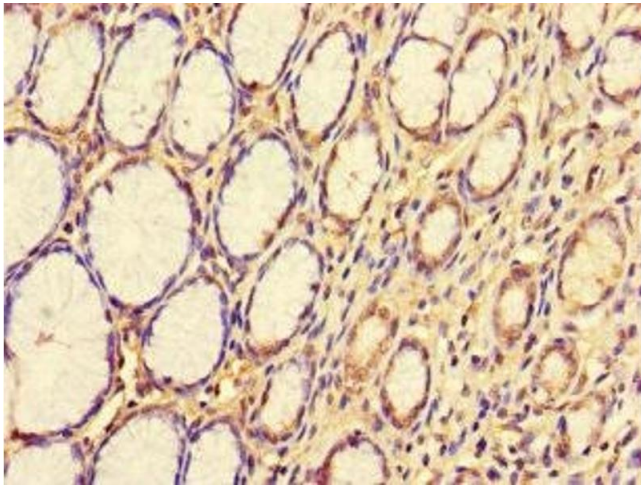
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

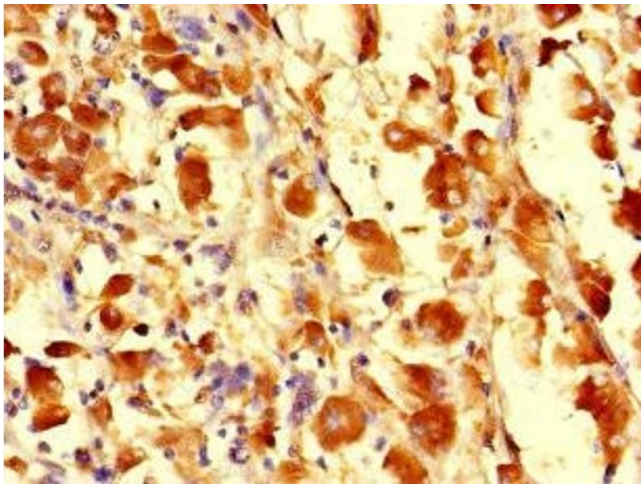
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



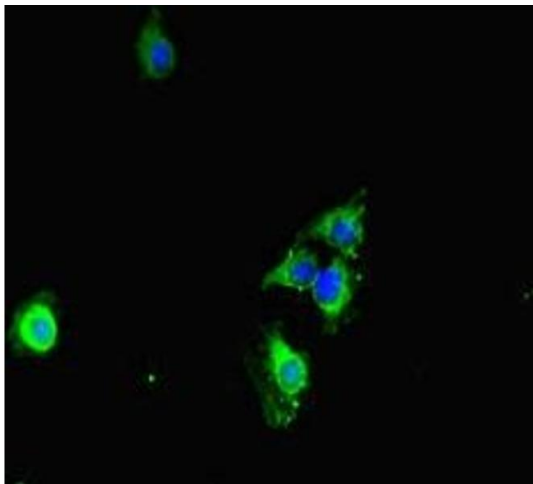
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human stomach tissue using ABIN7163108 at dilution of 1:100



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human melanoma using ABIN7163108 at dilution of 1:100



#### Immunofluorescence

**Image 3.** Immunofluorescent analysis of HeLa cells using ABIN7163108 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)