Datasheet for ABIN7147286

# anti-CDC45 antibody (AA 1-270)

4 Images

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | CDC45 |
| Binding Specificity: | AA 1-270 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CDC45 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP) |

## Product Details

| | |
|---|---|
| Immunogen: | Recombinant Human Cell division control protein 45 homolog protein (1-270AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | Antigen Affinity Purified |

## Target Details

| | |
|---|---|
| Target: | CDC45 |
| Alternative Name: | CDC45 (CDC45 Products) |
| Background: | Background: Required for initiation of chromosomal DNA replication. |

## Target Details

| | |
|---|---|
| | Aliases: CDC 45 antibody, CDC 45L antibody, CDC45 (cell division cycle 45, S.cerevisiae homolog) like antibody, CDC45 antibody, CDC45 cell division cycle 45 like antibody, CDC45 like antibody, CDC45 related protein antibody, CDC45_HUMAN antibody, CDC45L2 antibody, Cell division control protein 45 homolog antibody, Cell division cycle 45 like 2 antibody, Cell division cycle 45 like antibody, PORC PI 1 antibody, PORC-PI-1 antibody |
| UniProt: | O75419 |
| Pathways: | Mitotic G1-G1/S Phases, DNA Replication, Synthesis of DNA |

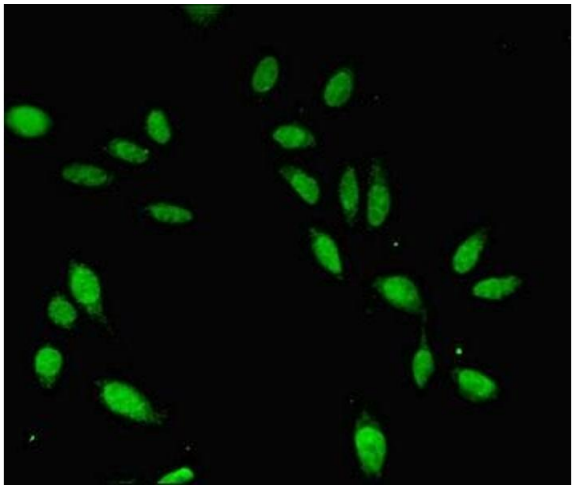
## Application Details

| | |
|---|---|
| Application Notes: | Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000, IF:1:50-1:200, |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: 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. |

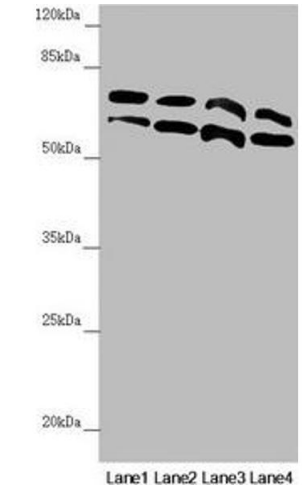
## Images



**Immunofluorescence**

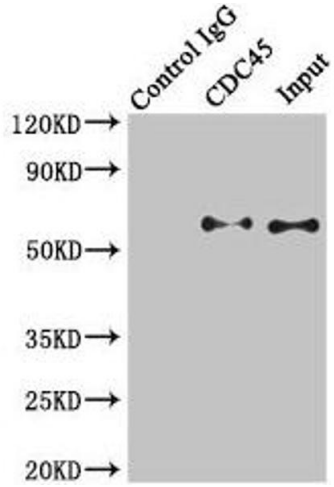
**Image 1.** Immunofluorescent analysis of Hela cells using ABIN7147286 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)

## Images




**Western Blotting**

**Image 2.** Western blot All lanes: CDC45 antibody at 0.3 µg/mL Lane 1: K562 whole cell lysate Lane 2: 293T whole cell lysate Lane 3: Hela whole cell lysate Lane 4: Jurkat whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 66, 61, 69 kDa Observed band size: 66, 69 kDa




**Western Blotting**

**Image 3.** Immunoprecipitating CDC45 in K562 whole cell lysate Lane 1: Rabbit control IgG instead of (1 µg) instead of ABIN7147286 in K562 whole cell lysate. For western blotting, a HRP-conjugated light chain specific antibody was used as the Secondary antibody (1/50000) Lane 2: ABIN7147286 (4 µg) + K562 whole cell lysate (500 µg) Lane 3: K562 whole cell lysate (20 µg)

Please check the product details page for more images. Overall 4 images are available for ABIN7147286.