

Datasheet for ABIN7449907

**anti-RENT1/UPF1 antibody (C-Term)**[Go to Product page](#)

## Overview

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Quantity:            | 100 µg                                          |
| Target:              | RENT1/UPF1 (UPF1)                               |
| Binding Specificity: | C-Term                                          |
| Reactivity:          | Human, Mouse                                    |
| Host:                | Goat                                            |
| Clonality:           | Polyclonal                                      |
| Conjugate:           | This RENT1/UPF1 antibody is un-conjugated       |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP) |

## Product Details

|               |                                             |
|---------------|---------------------------------------------|
| Purpose:      | Goat anti-RENT1 Antibody, Affinity Purified |
| Immunogen:    | between AA 1075 and C-term                  |
| Isotype:      | IgG                                         |
| Purification: | Affinity Purified                           |

## Target Details

|                   |                                                                                                                                                                                 |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | RENT1/UPF1 (UPF1)                                                                                                                                                               |
| Alternative Name: | RENT1 ( <a href="#">UPF1 Products</a> )                                                                                                                                         |
| Background:       | Background: RENT1, also known as UPF1, is a key regulator of the nonsense-mediated mRNA decay (NMD) pathway. The NMD pathway eliminates mRNAs that prematurely terminate during |

## Target Details

translation and may serve to protect the cells from dominant-negative effects of truncated proteins, or as a means to regulate protein expression. RENT1 is an ATP-dependent 5'-3' RNA helicase and ATPase that localizes to the cytoplasm and is part of a post-splicing multiprotein complex as well as an mRNA decay complex.

|                 |                                                |
|-----------------|------------------------------------------------|
| Gene ID:        | 5976                                           |
| NCBI Accession: | <a href="#">NP_002902</a>                      |
| UniProt:        | <a href="#">Q92900</a>                         |
| Pathways:       | <a href="#">SARS-CoV-2 Protein Interactome</a> |

## Application Details

|                    |                                                    |
|--------------------|----------------------------------------------------|
| Application Notes: | IP: 2 - 10 µg/mg lysate<br>WB: 1:10,000 - 1:25,000 |
| Restrictions:      | For Research Use only                              |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 1000 µg/mL                                                                                                             |
| Buffer:            | Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide                                                |
| 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:           | 4 °C                                                                                                                   |
| Expiry Date:       | 12 months                                                                                                              |