

## UPF1/RENT1 Antibody

**CAB13541**

### Description

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This UPF1/RENT1 Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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|----------------------|---|
| <b>SKU:</b>          | CAB13541  |
| <b>Contents:</b>     | 20 µL, 100 µL<br>Bradford Reagent: 1 vial (2ml)     |
| <b>Category:</b>     | Polyclonal Antibody                                 |
| <b>Synonyms:</b>     | UTF, HUPF1, NORF1, RENT1, smg-2, pNORF1, UPF1/RENT1 |
| <b>Clone:</b>        | -   |
| <b>Applications:</b> | <b>WB</b>   <b>IHC-P</b>   <b>ELISA</b>             |
| <b>Conjugation:</b>  | Unconjugated  |
| <b>Reactivity:</b>   | Human, Mouse  |

### Antibody Data

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|-----------------------|-----------------------|
| <b>Gene ID:</b>       | 5976                  |
| <b>Uniprot:</b>       | AB_2760402            |
| <b>Host Species:</b>  | Rabbit                |
| <b>Purification:</b>  | Affinity purification |
| <b>Observed MW:</b>   | 135kDa                |
| <b>Calculated MW:</b> | 124kDa                |

## Preparation & Storage

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**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HepG2

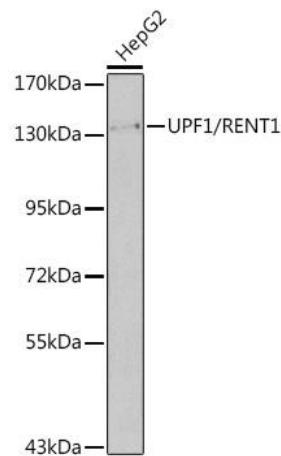
**Recommended Dilutions:**

|              |   |
|--------------|---|
| <b>WB</b>    | 1:500 - 1:2000  |
| <b>IHC-P</b> | 1:50 - 1:200  |
| <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

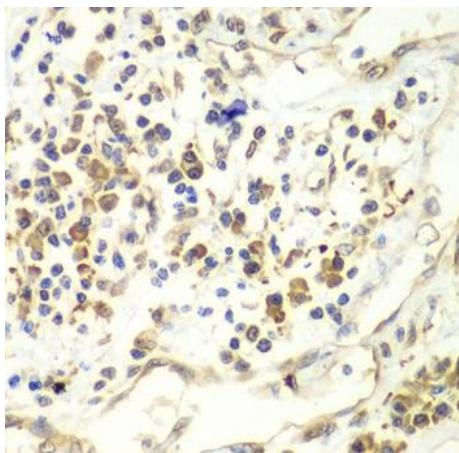
**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data

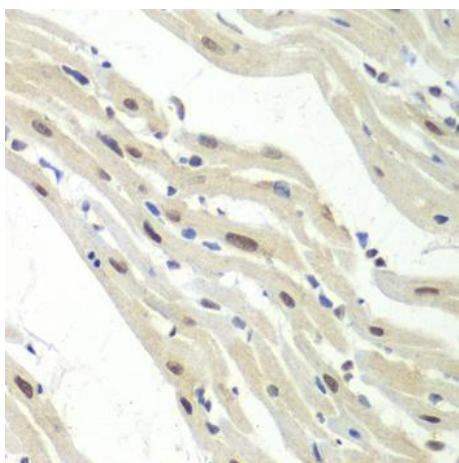
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Western blot analysis of lysates from HepG2 cells, using /RENT1 Rabbit pAb (CAB13541) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020).



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using /RENT1 Rabbit pAb (CAB13541) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse heart using /RENT1 Rabbit pAb (CAB13541) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.