Datasheet for ABIN129713

# anti-RNF25 antibody (C-Term)

2 Images

Go to Product page

## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | RNF25 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RNF25 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunoprecipitation (IP) |

## Product Details

| | |
|---|---|
| Purpose: | RNF25 Antibody |
| Immunogen: | Immunogen: This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids near the carboxyl terminus of human RNF25 protein.<br>Immunogen Type: Conjugated Peptide |
| Isotype: | IgG |
| Cross-Reactivity (Details): | This affinity purified antibody is directed against human RNF25 protein. |
| Characteristics: | Synonyms: rabbit anti-Rnf25 antibody, E3 ubiquitin protein ligase RNF25 antibody, Ring finger protein 25 antibody, RING-type E3 ubiquitin transferase Rnf25 antibody, RNF 25, RNF-25 |
| Purification: | The product was affinity purified from monospecific antiserum by immunoaffinity chromatography. |

## Product Details

| | |
|---|---|
| Sterility: | Sterile filtered |

## Target Details

| | |
|---|---|
| Target: | RNF25 |
| Alternative Name: | RNF25 (RNF25 Products) |
| Background: | Background: This antibody is designed, produced, and validated as part of a collaboration with the National Cancer Institute (NCI) and is suitable for Cancer, Immunology and Nuclear Signaling research. RING finger protein 25 (RNF25, also named AO7) contains a RING finger domain and is ubiquitously expressed in various tissues. RNF25 was initially identified in a yeast two-hybrid screen of a murine T-cell library by using UbcH5b, an E2 enzyme, as bait. RNF25 has also been shown to act as a putative E3 ligase, at least in vitro. RNF25 localizes predominantly in the nucleus and supports the transcriptional activity of NF-kB by interacting with p65 in vivo upon stimulation with TNF. Yeast two-hybrid data also suggest that RNF25 interacts with a number of other molecules which may be potential ubiquitin ligase substrates. Among these are molecules that have critical roles in signal transduction and in regulation of translation (personal communication, Allan Weissman, CCR-NCI, Bethesda, MD). |
| Gene ID: | 64320, 34878787 |
| UniProt: | Q96BH1 |

## Application Details

| | |
|---|---|
| Application Notes: | Application Note: This affinity purified antibody has been tested for use in ELISA, western blot and immunoprecipitation. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 54 kDa in size corresponding to RNF25 protein by western blotting in the appropriate cell lysate or extract.<br>Western Blot Dilution: 1:200 - 1:2,000<br>Immunoprecipitation Dilution: 1 mg<br>ELISA Dilution: 1:10,000 - 1:40,000<br>Other: User Optimized |
| Restrictions: | For Research Use only |

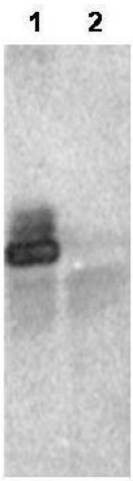
## Handling

| | |
|---|---|
| Format: | Liquid |

## Handling

| | |
|---|---|
| Concentration: | 1.0 mg/mL |
| Buffer: | Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2<br>Stabilizer: None<br>Preservative: 0.01 % (w/v) 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,-20 °C |
| Storage Comment: | Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| Expiry Date: | 12 months |

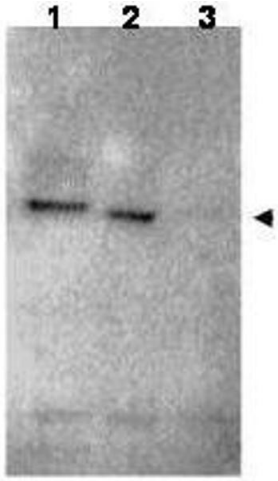
## Images




**Western Blotting**

**Image 1.** 1 µg of 's affinity purified anti-RNF25 was used in immunoprecipitation of 20 µg HEK293 cell lysate over-expressing HA-tagged human RNF25 (lane 1) or vector only control (lane 2). The precipitated complex was loaded onto a gel, followed by electrophoresis and transfer to nitrocellulose. The membrane was probed with anti-HA tag antibody. Personal Communication, Allan Weissman, CCR-NCI, Bethesda, MD.




## Western Blotting

**Image 2.** Western blot using affinity purified anti-RNF25 antibody shows detection of RNF25 (arrow head) in HEK293 cells over-expressing human RNF25 (lane 1) or mouse RNF25 (lane 2). Lane 1 is a vector only control. The extracts were loaded onto a gel, followed by electrophoresis and transfer to nitrocellulose. The membrane was probed with the primary antibody diluted to 1:1,000. Personal Communication, Allan Weissman, CCR-NCI, Bethesda, MD.