

Datasheet for ABIN129713
anti-RNF25 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

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

Product Details

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 of human RNF25 protein.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	RNF25
Alternative Name:	RNF25 (RNF25 Products)

Target Details

Background:	<p>This antibody is designed, produced, and is suitable for Cancer, Immunology and Nuclear Signaling research. RING finger protein 25 (RNF25, also named A07) 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-κB 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).</p> <p>Synonyms: A07 antibody, E3 ubiquitin protein ligase RNF25 antibody, EC 6.3.2.- antibody, FLJ13906 antibody, Ring finger protein 25 antibody, RING finger protein A07 antibody, RNF 25 antibody</p>
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Gene ID:	64320, 34878787
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UniProt:	Q96BH1
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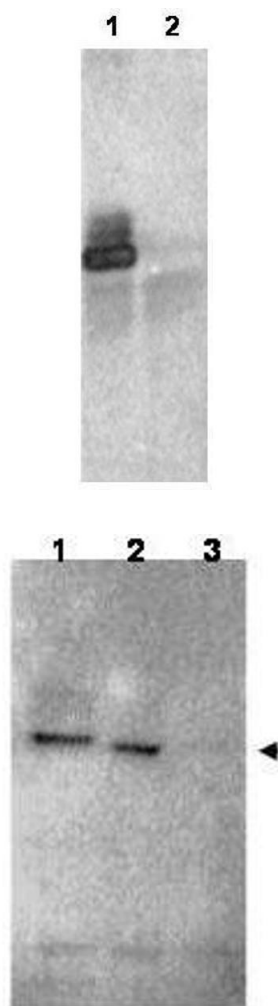
Application Details

Application Notes:	<p>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.</p>
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
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



Western Blotting

Image 1. 1 μ g of 's affinity purified anti-RNF25 was used in immunoprecipitation of 20 μ g 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.