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Datasheet for ABIN1401664

**anti-RNF31 antibody (Alexa Fluor 488)**

## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | RNF31   |
| Reactivity:  | Human, Mouse, Rat   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This RNF31 antibody is conjugated to Alexa Fluor 488                            |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | KLH conjugated synthetic peptide derived from human RNF31 |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse, Rat   |
| Purification:     | Purified by Protein A.                                    |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | RNF31  |
| Alternative Name: | RNF31 ( <a href="#">RNF31 Products</a> )   |
| Background:       | <p>Synonyms: HOIP, ZIBRA, E3 ubiquitin-protein ligase RNF31, HOIL-1-interacting protein, RING finger protein 31, Zinc in-between-RING-finger ubiquitin-associated domain protein, RNF31</p> <p>Background: E3 ubiquitin-protein ligase component of the LUBAC complex which conjugates linear ('Met-1'-linked) polyubiquitin chains to substrates and plays a key role in NF-kappa-B</p> |

## Target Details

activation and regulation of inflammation. LUBAC conjugates linear polyubiquitin to IKBKG and RIPK1 and is involved in activation of the canonical NF-kappa-B and the JNK signaling pathways. Linear ubiquitination mediated by the LUBAC complex interferes with TNF-induced cell death and thereby prevents inflammation. LUBAC is proposed to be recruited to the TNF-R1 signaling complex (TNF-RSC) following polyubiquitination of TNF-RSC components by BIRC2 and/or BIRC3 and to conjugate linear polyubiquitin to IKBKG and possibly other components contributing to the stability of the complex. Together with FAM105B/otulin, the LUBAC complex regulates the canonical Wnt signaling during angiogenesis. Binds polyubiquitin of different linkage types.

Gene ID: 55072

UniProt: [Q96EP0](#)

## Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months