

Datasheet for ABIN209212  
**anti-RANGAP1 antibody (N-Term)**



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## Overview

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Quantity:            | 100 µg                                                |
| Target:              | RANGAP1                                               |
| Binding Specificity: | N-Term                                                |
| Reactivity:          | Human, Mouse, Rat                                     |
| Host:                | Mouse                                                 |
| Clonality:           | Monoclonal                                            |
| Conjugate:           | This RANGAP1 antibody is un-conjugated                |
| Application:         | Western Blotting (WB), ELISA, Immunofluorescence (IF) |

## Product Details

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:   | A fusion protein consisting of the first 203 amino-terminal residues of the mouse RanGAP-1 protein.<br><br>Type of Immunogen: Fusion protein                                                                                                                                                                                                                                                                                                                            |
| Isotype:     | IgG1 kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Specificity: | Can be used to specifically detect both the unmodified (~70kD) form and the GMP1 (SUMO-1) conjugated (~90kD) form of the RanGAP-1 protein. The ~70kD form of RanGAP-1 is cytoplasmic, whereas the ~90kD form is associated predominately with the nuclear envelope where it is localized to the nuclear pore complexes (NPCs). Species cross-reactivity: Human and rat. Lysates Tested: Rat liver nuclear envelopes, total lysates derived from NIH 3T3 and HeLa cells. |

## Product Details

Purification: Protein A purified

## Target Details

Target: RANGAP1

Alternative Name: RANGAP1 ([RANGAP1 Products](#))

Background: Name/Gene ID: RANGAP1

Synonyms: RANGAP1, Fug1, KIAA1835, SD, Segregation distortion, Segregation distorter homolog

Gene ID: 5905

UniProt: [P46060](#)

Pathways: [M Phase](#), [Protein targeting to Nucleus](#)

## Application Details

Application Notes: Approved: ELISA (0.1 - 1 µg/mL), IF (1 µg/mL), WB (0.1 - 1 µg/mL)

Usage: Suitable for use in Immunofluorescence, ELISA and Western Blot. Immunofluorescence: 1 µg/mL. ELISA: 0.1-1 µg/mL. Western Blot: 0.1-1 µg/mL.

Comment: Target Species of Antibody: Mouse

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.1 % 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: Short term: 4°C

Long term: Add glycerol (40-50%) -20°C.