Datasheet for ABIN1881756

# anti-RNF166 antibody (AA 71-97)

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## Overview

| | |
|---|---|
| Quantity: | 400 µL |
| Target: | RNF166 |
| Binding Specificity: | AA 71-97 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RNF166 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunofluorescence (IF) |

## Product Details

| | |
|---|---|
| Immunogen: | This RNF166 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-97 amino acids from the Central region of human RNF166. |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | Rat |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

## Target Details

| | |
|---|---|
| Target: | RNF166 |
| Alternative Name: | RNF166 (RNF166 Products) |
| Molecular Weight: | 26122 |

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## Target Details

| | |
|---|---|
| NCBI Accession: | NP_001165286, NP_001165287, NP_849163 |
| UniProt: | Q96A37 |

## Application Details

| | |
|---|---|
| Application Notes: | IF: 1:25. WB: 1:1000 |
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (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 |
| Expiry Date: | 6 months |

## Publications

| | |
|---|---|
| Product cited in: | Heath, Goel, Baxt, Rush, Mohanan, Paulus, Jani, Lassen, Xavier: "RNF166 Determines Recruitment of Adaptor Proteins during Antibacterial Autophagy." in: **Cell reports**, Vol. 17, Issue 9, pp. 2183-2194, (2017) (PubMed). |

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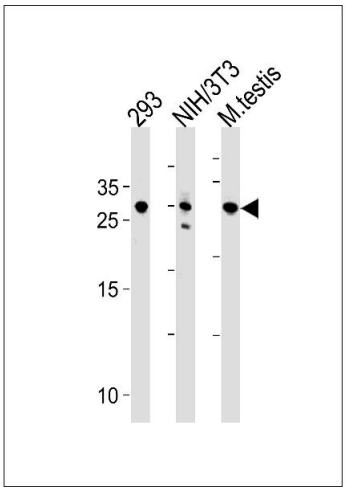
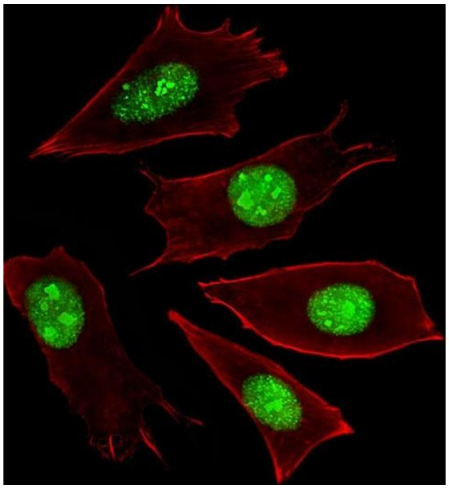



## Western Blotting

**Image 1.** RN Antibody (Center) (ABIN1881756 and ABIN2843442) western blot analysis in 293,mouse NIH/3T3 cell line and testis tissue lysates (35 µg/lane).This demonstrates the RN antibody detected the RN protein (arrow).



## Immunofluorescence

**Image 2.** Fluorescent image of NIH/3T3 cells stained with RN Antibody (Center) C. C was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).

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