

# TRIM21/SS-A Rabbit pAb

Catalog NO.: A13547 **2 Publications**

## Basic Information

### Observed MW

54 kDa

### Calculated MW

54 kDa

### Category

Polyclonal Antibodies

### Applications

WB, IP, IF/ICC, IHC-P, ELISA

### Cross-Reactivity

Human, Mouse, Rat

### Conjugation

Unconjugated

## Background

This gene encodes a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The encoded protein is part of the RoSSA ribonucleoprotein, which includes a single polypeptide and one of four small RNA molecules. The RoSSA particle localizes to both the cytoplasm and the nucleus. RoSSA interacts with autoantigens in patients with Sjogren syndrome and systemic lupus erythematosus. Alternatively spliced transcript variants for this gene have been described but the full-length nature of only one has been determined.

## Recommended Dilutions

**WB** 1:500 - 1:5000

### IP

0.5 µg - 4 µg antibody for 200 µg - 400 µg extracts of whole cells

**IF/ICC** 1:50 - 1:200

**IHC-P** 1:50 - 1:200

### ELISA

Recommended starting concentration is 1 µg/mL.  
Please optimize the concentration based on your specific assay requirements.

## Contact

## Immunogen Information

### Gene ID

6737

### Swiss Prot

P19474

### Immunogen

This information is considered to be commercially sensitive.

### Synonyms

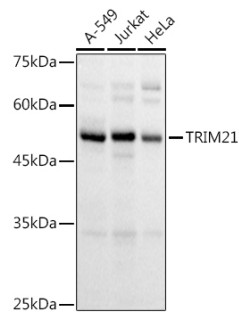
SSA; RO52; SSA1; RNF81; Ro/SSA; TRIM21/SS-A

## Product Information

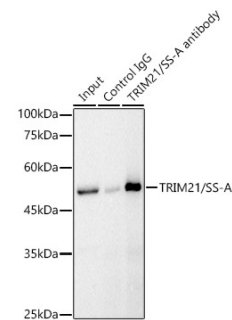
|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

|                                                                                                                                                             |                |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------|
| <b>Source</b>                                                                                                                                               | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit                                                                                                                                                      | IgG            | Affinity purification |
| <b>Storage</b>                                                                                                                                              |                |                       |
| Store at -20°C. Avoid freeze / thaw cycles.                                                                                                                 |                |                       |
| Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis. |                |                       |

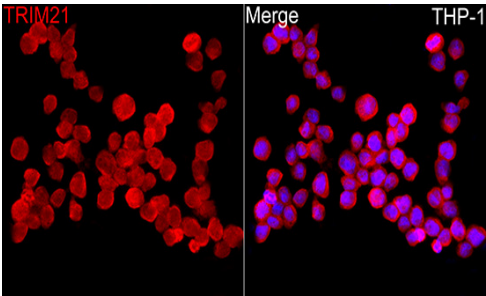
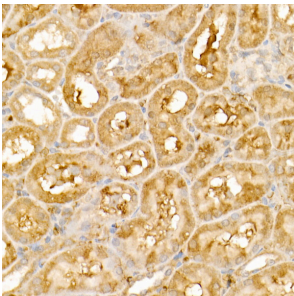
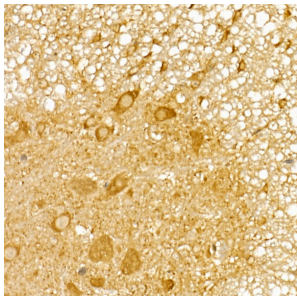
Validation Data



Western blot analysis of various lysates using TRIM21/SS-A Rabbit pAb (A13547) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 3s.



Immunoprecipitation analysis of 300 µg extracts of Jurkat cells using 3 µg TRIM21/SS-A Rabbit antibody (A13547).  
Western blot was performed from the immunoprecipitate using TRIM21/SS-A Rabbit antibody (A13547) at a dilution of 1:1000.



Immunohistochemistry analysis of paraffin-embedded Mouse spinal cord using TRIM21/SS-A Rabbit pAb (A13547) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

Immunohistochemistry analysis of paraffin-embedded Rat kidney using TRIM21/SS-A Rabbit pAb (A13547) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.

Immunofluorescence analysis of THP-1 cells using TRIM21/SS-A Rabbit pAb(A13547) at a dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.