

Datasheet for ABIN671196  
**anti-TRIM21 antibody (AA 301-400)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	TRIM21
Binding Specificity:	AA 301-400
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRIM21 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TRIM21
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein A.

## Target Details

Target:	TRIM21
Alternative Name:	TRIM21 ( <a href="#">TRIM21 Products</a> )

## Target Details

Background: Synonyms: SSA, RO52, SSA1, RNF81, Ro/SSA, E3 ubiquitin-protein ligase TRIM21, 52 kDa Ro protein, 52 kDa ribonucleoprotein autoantigen Ro/SS-A, RING finger protein 81, Ro(SS-A), Sjogren syndrome type A antigen, SS-A, Tripartite motif-containing protein 21, TRIM21

Background: E3 ubiquitin-protein ligase whose activity is dependent on E2 enzymes, UBE2D1, UBE2D2, UBE2E1 and UBE2E2. Forms a ubiquitin ligase complex in cooperation with the E2 UBE2D2 that is used not only for the ubiquitination of USP4 and IKBKB but also for its self-ubiquitination. Component of cullin-RING-based SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complexes such as SCF(SKP2)-like complexes. A TRIM21-containing SCF(SKP2)-like complex is shown to mediate ubiquitination of CDKN1B ('Thr-187' phosphorylated-form), thereby promoting its degradation by the proteasome. Monoubiquitinates IKBKB that will negatively regulates Tax-induced NF-kappa-B signaling. Negatively regulates IFN-beta production post-pathogen recognition by polyubiquitin-mediated degradation of IRF3. Mediates the ubiquitin-mediated proteasomal degradation of IgG1 heavy chain, which is linked to the VCP-mediated ER-associated degradation (ERAD) pathway. Promotes IRF8 ubiquitination, which enhanced the ability of IRF8 to stimulate cytokine genes transcription in macrophages. Plays a role in the regulation of the cell cycle progression. Enhances the decapping activity of DCP2. Exists as a ribonucleoprotein particle present in all mammalian cells studied and composed of a single polypeptide and one of four small RNA molecules. At least two isoforms are present in nucleated and red blood cells, and tissue specific differences in RO/SSA proteins have been identified. The common feature of these proteins is their ability to bind HY RNAs.2.

Gene ID: 6737

UniProt: [P19474](#)

## Application Details

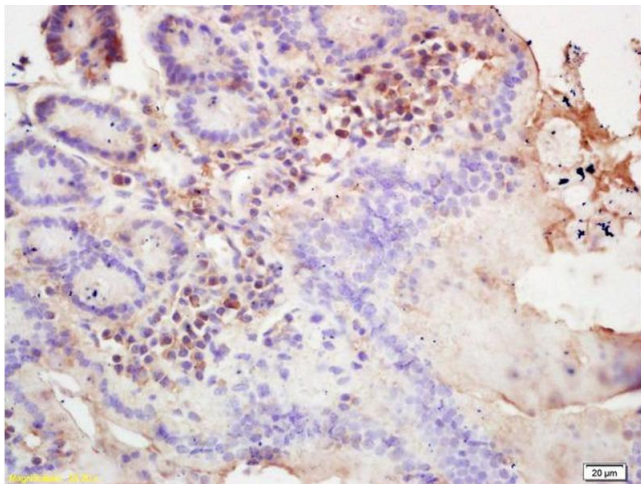
Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

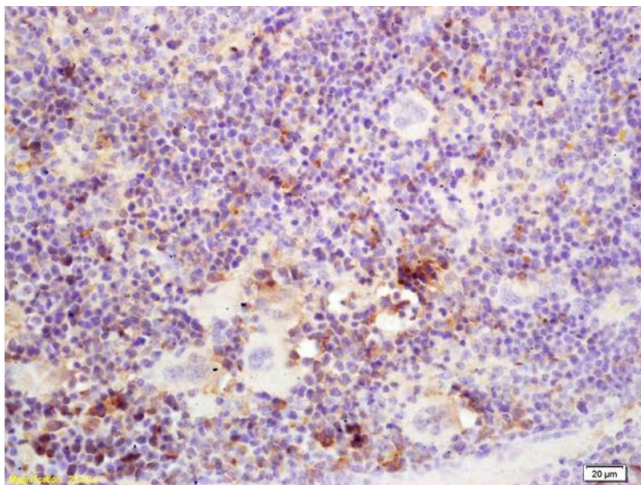
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



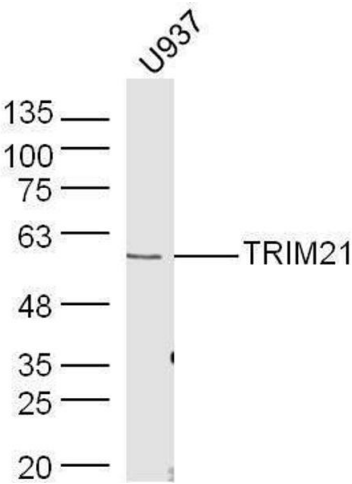
Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded mouse intestine labeled with Rabbit Anti SSA/52KDa RoPolyclonal Antibody, Unconjugated (ABIN671196) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin embedded mouse spleen labeled with Rabbit Anti SSA/52KDa Ro3 Polyclonal Antibody, Unconjugated (ABIN671196) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Western Blotting

**Image 3.** Human U937 lysates probed with Rabbit Anti-TRIM21 Polyclonal Antibody, Unconjugated at 1:500 for 90 min at 37°C.