

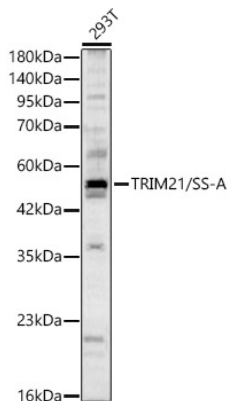


Product name:	[KD Validated] TRIM21/SS-A Rabbit Polyclonal Antibody
Cat number:	AB1957
Conjugate:	Unconjugated
Host:	Rabbit
Size:	100 ug
Synonyms:	SSA; RO52; SSA1; RNF81; Ro/SSA; TRIM21/SS-A
Concentration:	1mg/ml
Isotype:	IgG
Immunogen:	Recombinant protein. This information is considered to be commercially sensitive.
Reactivity:	Human, Mouse, Rat
Applications:	WB 1:500 - 1:1000 IHC-P 1:50 - 1:200 IF/ICC 1:50 - 1:200 IP 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Molecular Weight:	50kDa/54kDa
Purification:	Affinity purification
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.
Form:	liquid
Buffer:	PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

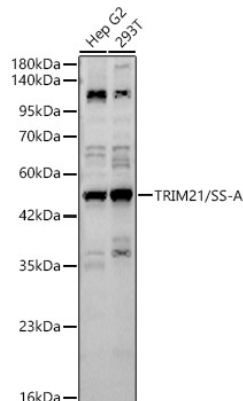
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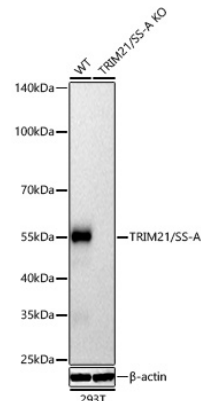
Web-site: <https://immunologicalsciences.com> - E-mail: info@immunologicalsciences.com



Western blot analysis of lysates from 293T cells, using TRIM21/SS-A Rabbit pAb at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 90s.



Western blot analysis of various lysates using TRIM21/SS-A Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates / proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 90s.

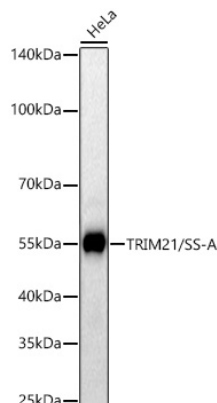


Western blot analysis of lysates from wild type (WT) and TRIM21/SS-A knockout (KO) 293T cells using TRIM21/SS-A Rabbit pAb at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. . Exposure time: 20s.

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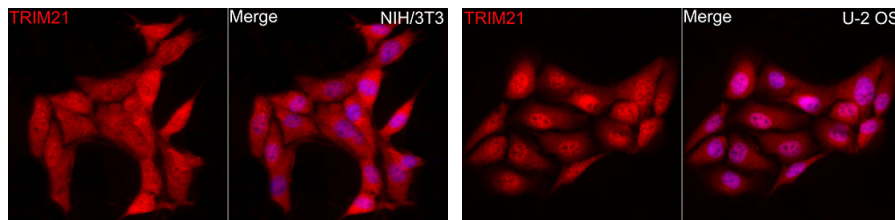
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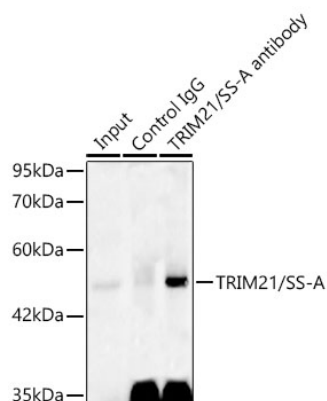
Western blot analysis of lysates from HeLa cells using TRIM21/SS-A Rabbit pAb at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus.
Exposure time: 20s.



Immunofluorescence analysis of NIH/3T3 cells using TRIM21/SS-A Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of U2OS cells using TRIM21/SS-A Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunoprecipitation of TRIM21/SS-A in 200 µg extracts from Hep G2 cells using 0.5 µg TRIM21/SS-A Rabbit pAb. Western blot analysis was performed using TRIM21/SS-A Rabbit pAb at 1:1500 dilution.

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