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[KD Validated] TRIM21/SS-A Rabbit pAb

Catalog No.: A1957 6 Publications

Basic Information

Observed MW
50kDa//54kDa

Calculated MW
54kDa

Category
Primary antibody

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

Cross-Reactivity
Human, Mouse, Rat

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	0.5μg-4μg antibody for 200μg-400μg 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

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Immunogen Information

Gene ID
6737

Swiss Prot
P19474

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

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

Product Information

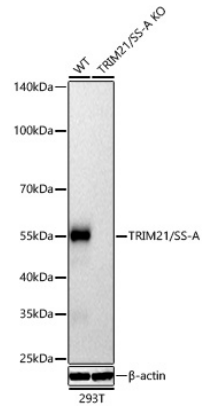
Source
Rabbit

Isotype
IgG

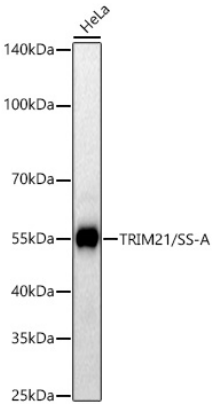
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

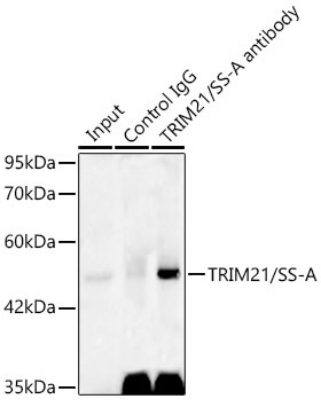
Validation Data



Western blot analysis of lysates from wild type (WT) and TRIM21/SS-A knockout (KO) 293T cells using TRIM21/SS-A Rabbit pAb (A1957) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.

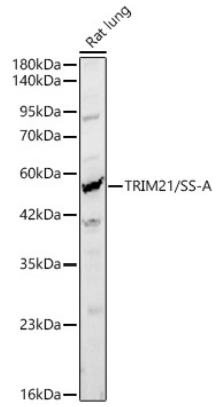


Western blot analysis of lysates from HeLa cells using TRIM21/SS-A Rabbit pAb (A1957) at 1:1000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 20s.

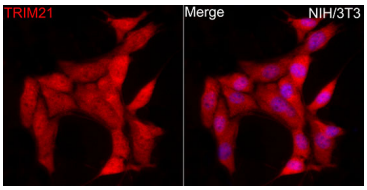


Immunoprecipitation of TRIM21/SS-A in 200 µg extracts from Hep G2 cells using 0.5 µg TRIM21/SS-A Rabbit pAb (A1957). Western blot analysis was performed using TRIM21/SS-A Rabbit pAb (A1957) at 1:1500 dilution.

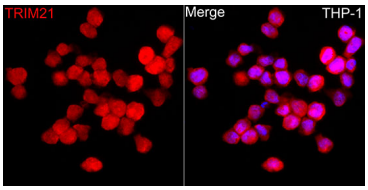
Validation Data



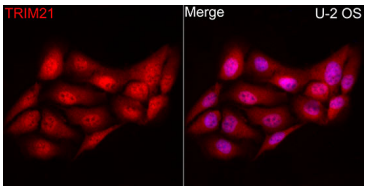
Western blot analysis of lysates from Rat lung using TRIM21/SS-A Rabbit pAb (A1957) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time:180s.



Immunofluorescence analysis of NIH/3T3 cells using TRIM21/SS-A Rabbit pAb (A1957) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of THP-1 cells using TRIM21/SS-A Rabbit pAb (A1957) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using TRIM21/SS-A Rabbit pAb (A1957) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.