

Rabbit anti-Human TRIM21 Polyclonal Antibody | anti-TRIM21 antibody

TRIM21 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40531	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

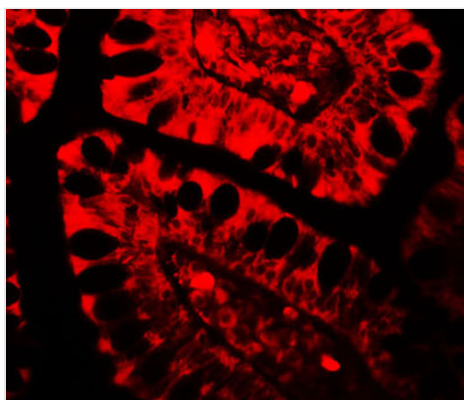
PRODUCT SYNONYMS

TRIM21; Polyclonal Antibody; TRIM21 Antibody; SSA; RO52; SSA1; RNF81; Ro/SSA; E3 ubiquitin-protein ligase TRIM21; 52 kDa Ro protein; SS-A; tripartite motif containing 21; anti-TRIM21 antibody

PRODUCT SPECIFICATIONS

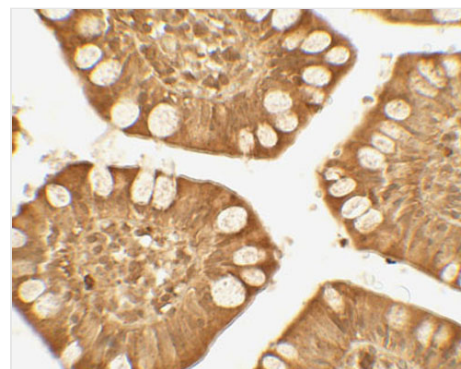
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	TRIM21 antibody is human specific. This antibody is predicted to not cross-react with TRIM6.
Purity/Purification	TRIM21 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; TRIM21 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	475
Applicable Applications for anti-TRIM21 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	The immunogen is located within amino acids 290-340 of TRIM21.
Homology	Predicted species reactivity based on immunogen sequence: Bovine: (73%), Mouse (79%)
Preparation and Storage	TRIM21 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



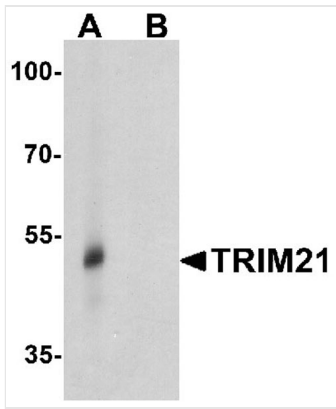
IF (Immunofluorescence)

Immunofluorescence of TRIM21 in human small intestine tissue with TRIM21 antibody at 20 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of TRIM21 in human small intestine tissue with TRIM21 antibody at 5 µg/mL.



WB (Western Blot)
 Western blot analysis of TRIM21 in human lung tissue lysate with TRIM21 antibody at 0.5 µg/ml in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TRIM21 antibody	TRIM21, a member of the tripartite motif (TRIM) family, is a 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 (1). RoSSA interacts with autoantigens in patients with Sjogren syndrome and systemic lupus erythematosus (2). TRIM21 also acts as a cytosolic antibody receptor; detection of intracellular antibodies activate immune signaling by stimulating the transcription factor pathways of NF-kappaB, AP-1, IRF3, IRF5, and IRF7, resulting in the production of proinflammatory cytokines and the induction of an antiviral state (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15208660
NCBI GeneID	6737
NCBI Accession #	NP_003132
NCBI GenBank Nucleotide #	NM_003141.3
UniProt Accession #	P19474; Q5XPV5; Q96RF8
Molecular Weight	Predicted: 52 kDa Observed: 52 kDa
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM21
NCBI Official Synonym Full Names	tripartite motif containing 21
NCBI Official Symbol	TRIM21
NCBI Official Synonym Symbols	SSA; RO52; SSA1; RNF81; Ro/SSA
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM21; SS-A; ro(SS-A); 52 kDa Ro protein; RING finger protein 81; Sicca syndrome antigen A; tripartite motif-containing 21; sjogren syndrome type A antigen; tripartite motif-containing protein 21; 52 kDa ribonucleoprotein autoantigen Ro/SS-A; Sjogren syndrome antigen A1 (52kDa, ribonucleoprotein autoantigen SS-A/Ro)
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM21
UniProt Gene Name	TRIM21
UniProt Synonym Gene Names	RNF81; RO52; SSA1; SS-A
UniProt Entry Name	RO52_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/trim21-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40531>