

Rabbit anti-Human, Mouse RO52 Polyclonal Antibody | anti-RO52 antibody

RO52 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268303	Rabbit	Human, Mouse	Flow Cytometry, Functional Assay, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

RO52; Polyclonal Antibody; RO52 Polyclonal Antibody; E3 ubiquitin-protein ligase TRIM21; EC 6.3.2.-; 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; RNF81; SSA1; anti-RO52 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	RO52 Polyclonal Antibody detects endogenous levels of protein
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide
Sequence Length	475
Applicable Applications for anti-RO52 antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Immunogen	Synthesized peptide derived from human protein. at AA range: 140-220
Conjugation	AF647
Cellular Localization	Cytoplasm. Cytoplasmic vesicle, autophagosome. Nucleus. Cytoplasm, P-body. Enters the nucleus upon exposure to nitric oxide. Localizes to small dot or rod like structures in the cytoplasm, called processing bodies (P-Bodies) that are located underneath the plasma membrane and also diffusely in the cytoplasm. They located along the microtubules and are highly motile in cells. Colocalized with DCP2 in P-Bodies
Tissue Specificity	Isoform 1 and 2 are expressed in fetal and adult heart and fetal lung
Function	Sera from patients with systemic lupus erythematosus (SLE) or primary Sjogren Syndrome often contain antibodies that react with normal cellular RO protein as if this antigen was foreign. Function: Ribonucleoprotein particle composed of a single polypeptide and one of our small RNA molecules. It is present in all mammalian cells studied but has no known functio. 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.
Preparation and Storage	Store at -15 to -25°C / 1 year (Do not go lower than -25°C)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15208660
NCBI GeneID	6737
NCBI Accession #	NP_003132.2

NCBI GenBank Nucleotide #	NM_003141.3
UniProt Accession #	P19474; Q5XPV5; Q96RF8
Molecular Weight	52kD (Observed)
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
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM21
UniProt Gene Name	TRIM21
UniProt Synonym Gene Names	RNF81; RO52; SSA1; SS-A

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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ro52-antibody-flow-cytometry-immunofluorescence-western-blot-elisa/268303>