



Anti-TRIM21 (aa 68-175) polyclonal antibody (DPAB-DC2965)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	TRIM21 (NP_003132, 68 a.a. ~ 175 a.a) partial recombinant protein with GST tag. The sequence is QLANMVNNLKEISQEAREGTQGERCAVHGERLHLFCEKDGKALCWVCAQSRKHRDHAMVP LEEAQQEYQEKLQVALGELRRKQELAEKLEVEIAIKRADWKKTETQK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	TRIM21 tripartite motif containing 21 [Homo sapiens (human)]
Official Symbol	TRIM21
Synonyms	TRIM21; tripartite motif containing 21; SSA; RO52; SSA1; RNF81; Ro/SSA; 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);
Entrez Gene ID	6737
Protein Refseq	NP_003132
UniProt ID	P19474
Chromosome Location	11p15.5
Pathway	Adaptive Immune System; Proteasome degradation; presentation; Immune System
Function	DNA binding; RNA binding; ligase activity; protein binding
