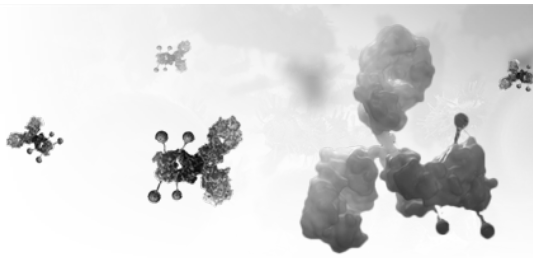

Human TRIM21 blocking peptide (CDBP2816)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SSA1/Ro52 antibody
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. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TRIM21 tripartite motif containing 21 [Homo sapiens (human)]
Official Symbol	TRIM21

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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; sjoegren 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
mRNA Refseq	NM_003141.3
Protein Refseq	NP_003132.2
UniProt ID	P19474
Chromosome Location	11p15.5
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Cytosolic sensors of pathogen-associated DNA, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Regulation of innate immune responses to cytosolic DNA, organism-specific biosystem; STING med
Function	DNA binding; RNA binding; protein binding; ubiquitin-protein ligase activity; zinc ion binding;

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