



Anti-SSB (full length) polyclonal antibody (DPAB-DC2967)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is involved in diverse aspects of RNA metabolism, including binding and protecting poly(U) termini of nascent RNA polymerase III transcripts from exonuclease digestion, processing 5 and 3 ends of pre-tRNA precursors, acting as an RNA chaperone, and binding viral RNAs associated with hepatitis C virus. Autoantibodies reacting with this protein are found in the sera of patients with Sjogren syndrome and systemic lupus erythematosus. Alternative promoter usage results in two different transcript variants which encode the same protein.
Immunogen	SSB (AAH01289, 1 a.a. ~ 408 a.a) full-length recombinant protein with GST tag. The sequence is MAENGDNEKMAALEAKICHQIEYYFGDFNLPRDKFLKEQIKLDEGWVPLEIMIKFNRLNR LTTDFNVIVEALSKSKAELMEISEDKTKIRRSPPSKPLPEVTDEYKNDVKNRSVYIKGFPT DATLDDIKEWLEDKGQVLNIQMRRTLHKAFKGSIFVVFDSIESAKKFVETPGQKYKETDL LILFKDDYFAKKNEERKQNKVEAKLRAKQEQAQKLEEDAEMKSLEEKIGCLLKFSGDL DDQTCREDLHILFSNHGEIKWIDFVRGAKEGILFKEKAKEALGKAKDANNGNLQLRNKE VTWEVLEGEVEKEALKKIIEDQQESLNKWKSKGRRFKGKGKGNKAAQPGSGKGKVQFQGGK KTKFASDDEHDEHDENGATGPVKRAREETDKEEPASKQQKTENGA
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat
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	SSB Sjogren syndrome antigen B (autoantigen La) [Homo sapiens (human)]
Official Symbol	SSB
Synonyms	SSB; Sjogren syndrome antigen B (autoantigen La); La; LARP3; La/SSB; lupus La protein; SS-B; autoantigen La; la autoantigen; SS-B/La protein; lupus La antigen; sjogren syndrome type B antigen; La ribonucleoprotein domain family, member 3;
Entrez Gene ID	6741
Protein Refseq	NP_001281074
UniProt ID	P05455
Chromosome Location	2q31.1
Pathway	Gene Expression; RNA Polymerase III Abortive And Retractive Initiation; RNA Polymerase III Transcription Termination; Systemic lupus erythematosus.
Function	mRNA binding; nucleotide binding; poly(A) RNA binding; protein binding