



Rabbit Anti-SSB antibody

SL0276R

Product Name:	SSB
Chinese Name:	干燥症SSB/La抗体
Alias:	SSB; Lupus La protein homolog; La ribonucleoprotein; La autoantigen homolog; Sjogren syndrome type B antigen; LA HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SSB:201-300/408
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Lupus La protein (Sjogren syndrome type B antigen) (SS-B) (La ribonucleoprotein) (La autoantigen) plays a role in the transcription of RNA polymerase III. It is most probably a transcription termination factor. Binds to the 3' termini of virtually all nascent polymerase III transcripts. It is associated with precursor forms of RNA polymerase III transcripts including tRNA and 4.5S, 5S, 7S, and 7-2 RNAs. The phosphorylation sites are at the C-terminal part of the protein. Sera from patients with systemic lupus

erythematosus(SLE) often contain antibodies that react with the normal cellular La protein as if this antigen was foreign.

Function:

Binds to the 3' poly(U) termini of nascent RNA polymerase III transcripts, protecting them from exonuclease digestion and facilitating their folding and maturation.

Subunit:

Interacts with DDX15. May interact with RUFY1.

Subcellular Location:

Nucleus (Probable).

Post-translational modifications:

Phosphorylated. The phosphorylation sites are at the C-terminal part of the protein. The N-terminus is blocked.

Similarity:

Contains 1 HTH La-type RNA-binding domain.

Contains 1 RRM (RNA recognition motif) domain.

SWISS:

P05455

Gene ID:

6741

Database links:

[Entrez Gene: 6741](#)Human

[Entrez Gene: 20823](#)Mouse

[Entrez Gene: 81783](#)Rat

[GenBank: NP_003133.1](#)Human

[Omid: 109090](#)Human

[SwissProt: P05455](#)Human

[SwissProt: P32067](#)Mouse

[SwissProt: P38656](#)Rat

[Unigene: 632535](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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