

SSB Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP2801a**Specification**

SSB Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [P05455](#)**SSB Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 6741**Other Names**

Lupus La protein, La autoantigen, La ribonucleoprotein, Sjogren syndrome type B antigen, SS-B, SSB

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP2801a](/products/AP2801a) was selected from the N-term region of human SSB. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SSB Antibody (N-term) Blocking Peptide - Protein Information**Name** SSB**Function**

Binds to the 3' poly(U) terminus of nascent RNA polymerase III transcripts, protecting them from exonuclease digestion and facilitating their folding and maturation (PubMed: [2470590](http://www.uniprot.org/citations/2470590), PubMed: [3192525](http://www.uniprot.org/citations/3192525)). In case of Coxsackievirus B3 infection, binds to the viral internal ribosome entry site (IRES) and stimulates the IRES-mediated translation (PubMed: [12384597](http://www.uniprot.org/citations/12384597)).

Cellular Location

Nucleus.

SSB Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

SSB Antibody (N-term) Blocking Peptide - Images

SSB Antibody (N-term) Blocking Peptide - Background

SSB is involved in diverse aspects of RNA metabolism, including binding and protecting 3-prime UUU(OH) elements of newly RNA polymerase III -transcribed RNA, processing 5-prime and 3-prime ends of pre-tRNA precursors, acting as an RNA chaperone, and binding viral RNAs associated with hepatitis C virus. This protein was originally defined by its reactivity with autoantibodies from patients with Sjogren syndrome and systemic lupus erythematosus.

SSB Antibody (N-term) Blocking Peptide - References

Bitko,V., J. Virol. 82 (16), 7977-7987 (2008)Kotik-Kogan,O., Structure 16 (6), 852-862 (2008)Biswas,D., Clin. Rheumatol. 27 (6), 717-722 (2008)