

产品名称: SSB Rabbit Polyclonal Antibody
产品货号: APRab18296



产品概述 (Summary)

产品名称 (Production Name)	SSB Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SSB
别名 (Alternative Names)	SSB; Lupus La protein; La autoantigen; La ribonucleoprotein; Sjogren syndrome type B antigen; SS-B
基因 ID (Gene ID)	6741.0
蛋白 ID (SwissProt ID)	P05455.The antiserum was produced against synthesized peptide derived from human SSB. AA range:341-390

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	47kDa

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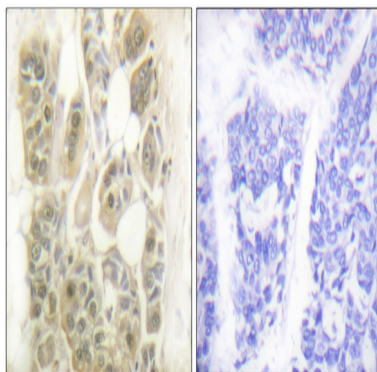
研究背景 (Background)

Sjogren syndrome antigen B(SSB) Homo sapiens 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. [provided by RefSeq, Jun 2014], disease: 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: La protein 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., PTM: Phosphorylated. The phosphorylation sites are at the C-terminal part of the protein., PTM: The N-terminus is blocked., similarity: Contains 1 HTH La-type RNA-binding domain., similarity: Contains 1 RRM (RNA recognition motif) domain., subunit: Interacts with DDX15. May interact with RUFY1.,

研究领域 (Research Area)

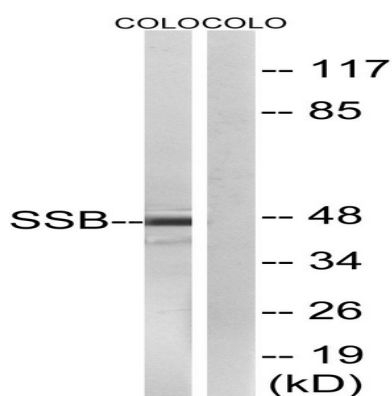
Systemic lupus erythematosus;

图片 (Image Data)

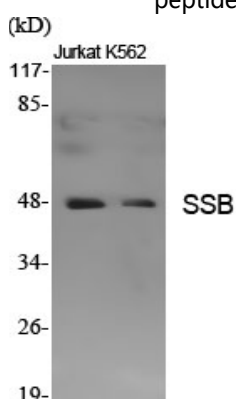


Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using SSB Antibody. The picture on the right is blocked with the synthesized peptide.

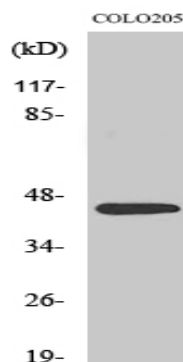
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Western blot analysis of lysates from COLO cells, using SSB Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using SSB Polyclonal Antibody



Western Blot analysis of COLO205 cells using SSB Polyclonal Antibody

注意事项 (Note)

For research use only .