

Rabbit anti-Human, Mouse SSB Polyclonal Antibody | anti-SSB antibody

SSB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327481	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

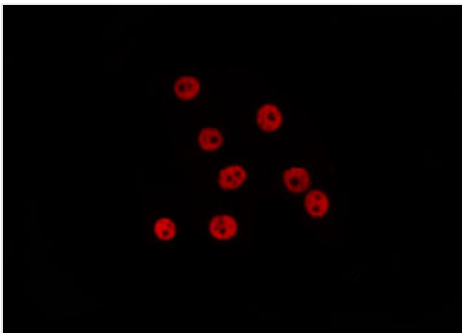
PRODUCT SYNONYMS

SSB; Polyclonal Antibody; SSB Antibody; Autoantigen La; La; La autoantigen; La autoantigen homolog; La protein; La ribonucleoprotein; La ribonucleoprotein domain family member 3; LA_HUMAN; LARP3; Lupus La antigen; Lupus La protein; Lupus La protein homolog; MGC118101; MGC93380; mRNA for autoantigen; OTTMUSP00000014043; RP23 273G23.1; Sjogren syndrome type B antigen; Sjogren syndrome antigen B (autoantigen La); Sjogren syndrome antigen B; SS B; SS-B; SS-B/La protein; anti-SSB antibody

PRODUCT SPECIFICATIONS

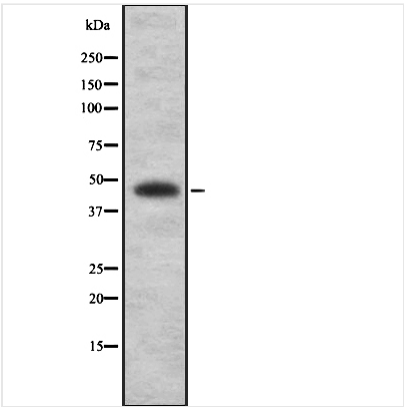
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	SSB antibody detects endogenous levels of total SSB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	408
Applicable Applications for anti-SSB antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SSB
Subcellular Location	Nucleus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (92%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA327481 staining 293T by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis SSB using COLO205 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-SSB antibody	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:3192525, PubMed:2470590). In case of Coxsackievirus B3 infection, binds to the viral internal ribosome entry site (IRES) and stimulates the IRES-mediated translation (PubMed:12384597). Subunit Structure: Interacts with DDX15. May interact with RUFY1. Post-translational Modifications: Phosphorylated. The phosphorylation sites are at the C-terminal part of the protein. The N-terminus is blocked.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	659667952
NCBI GeneID	6741
NCBI Accession #	NP_001281074.1
NCBI GenBank Nucleotide #	NM_001294145.1
UniProt Accession #	P05455; Q15367; Q53XJ4
Molecular Weight	Observed: 46 kDa Predicted: 47 kDa
NCBI Official Full Name	lupus La protein
NCBI Official Synonym Full Names	Sjogren syndrome antigen B
NCBI Official Symbol	SSB
NCBI Official Synonym Symbols	La; LARP3; La/SSB
NCBI Protein Information	lupus La protein
UniProt Protein Name	Lupus La protein
UniProt Gene Name	SSB
UniProt Synonym Gene Names	SS-B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.