SSB (phospho-S366) polyclonal antibody

Catalog: BS4536 Host: Rabbit Reactivity: Human

BackGround:

Ro/SSA is a ribonucleoprotein that binds to autoantibodies in 35 to 50% of patients with SLE and in up to 97% of patients with Sjogren syndrome. The Ro/SSA particle consists of a single immunoreactive protein noncovalently bound with one of four small RNA molecules. Most anti-Ro/SSA-positive sera have antibodies not only against the immunoreactive protein, but also against an Ro/SSA protein. The genes which encode the two proteins map to human chromosomes 11p15.5 and 1q31, respectively. La/SSB is an autoimmune RNA-binding protein that plays a role in the transcription of RNA polymerase III was originally defined by its reactivity with autoantibodies from patients with Sjogren syndrome and SLE.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 52 kDa

Swiss-Prot:

P05455

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 110% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

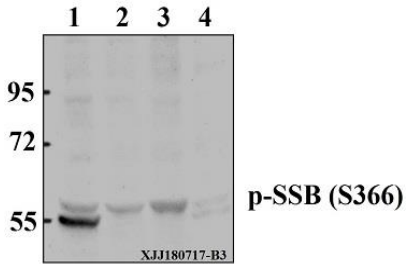
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

p-SSB (S366) polyclonal antibody detects endogenous levels of SSB protein only when phosphorylated at Serine 366.

DATA:



Western blot (WB) analysis of p-SSB (S366) pAb at 1:500 dilution

Lane1:Myla2059 whole cell lysate(40μg)

Lane2:MCF-7 whole cell lysate(40μg)

Lane3:HUT78 whole cell lysate(40μg)

Lane4:PC3 whole cell lysate(40μg)

Note:

For research use only, not for use in diagnostic procedure.

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