



## Ssn6 (yN-18): sc-11952

### BACKGROUND

Maximal expression of G1 cyclins is induced by the heterodimeric transcription factor complex, which is composed of the DNA-binding subunit, Swi4 (also designated Art1), and Swi6. In addition to binding Swi4, Swi6 forms a complex with Mbp1 that activates S-phase cyclins and genes involved in DNA synthesis. Rpb1 is the largest subunit of the yeast RNA polymerase II. Srb4 is a basal transcription factor that is essential for the establishment of the transcription initiation apparatus. Ssn6, a tandem tetratricopeptide repeat-containing protein, associates with Tup1 to form a general transcriptional repression complex. The yeast Snf-Swi complex is required for transcriptional activation of diverse genes and has been shown to alter chromatin structure. This complex has at least 10 components, including Snf2 (alternatively designated Swi2, Ric1, or Gam1), Snf5, Snf6, Swi1 (alternatively designated Adr6 or Gam3), and Swi3, and has been widely conserved. Transcriptional activators, Snf2 and Snf5, function by antagonizing repression mediated by nucleosomes.

### REFERENCES

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### SOURCE

Ssn6 (yN-18) is an affinity purified goat polyclonal antibody raised against a peptide mapping near the N-terminus of Ssn6 of *Saccharomyces cerevisiae* origin.

### PRODUCT

Each vial contains 200 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-11952 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

### APPLICATIONS

Ssn6 (yN-18) is recommended for detection of Ssn6 of *Saccharomyces cerevisiae* origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

### RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible donkey anti-goat IgG-HRP: sc-2033 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048.

### STORAGE

Store at 4° C, \*\*DO NOT FREEZE\*\*. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

### RESEARCH USE

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

### PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) or our catalog for detailed protocols and support products.