



Gal11 (yS-20): sc-27257

BACKGROUND

Gal11, also known as mediator complex subunit 15 (Med15), basal expression activator protein 1 (ABE1), autonomous replication regulatory protein 3 (RAR3), defective silencing suppressor protein 4 (SDS4) or ty insertion suppressor protein 13 (SPT13), is a 1,081 amino acid protein belonging to the mediator complex subunit 15 family. Localized to the nucleus, Gal11 is a component of the mediator complex, which has three structurally distinct submodules, the head, middle and tail modules, composed of at least 21 subunits. The head and middle modules interact with Pol II while the tail module interacts with gene-specific regulatory proteins. The mediator complex is recruited by promoters and functions in conveying information from gene-specific regulatory proteins to the basal Pol II transcription machinery. The mediator complex also participates in the negative regulation of ty transcription.

REFERENCES

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SOURCE

Gal11 (yS-20) is an affinity purified goat polyclonal antibody raised against a peptide mapping near the C-terminus of Gal11 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-27257 P, (100 µg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

Gal11 (yS-20) is recommended for detection of Gal11 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 or our catalog for detailed protocols and support products.