Bio Academia
Manufacturer

AS ONE

Anti-Ada3 / Ngg1 (S. cerevisiae) antibody, rabbit polyclonal

Catalog # 62-028 100 ul

Ngg1, transcription regulator, can inhibit GAL4 DNA-binding or its ability to activate transcription. It functions as a component of the transcription regulatory histone acetylation (HAT) complexes SAGA, SALSA, SLIK and ADA. SAGA is involved in RNA polymerase II-dependent transcriptional regulation of approximately 10% of yeast genes. At the promoters, SAGA is required for recruitment of the basal transcription machinery. It influences RNA polymerase II transcriptional activity through different activities such as TBP interaction (SPT3, SPT8 and SPT20) and promoter selectivity, interaction with transcription activators (GCN5, ADA2, ADA3 and TRA1), and chromatin modification through histone acetylation (GCN5) and deubiquitination (UBP8).
NGG1 consists of 702 amino acids with molecular mass of 79,282 Da

Applications
Western blot 1:500-1,000 dilution
Not tested for other applications.

Specifications
Immunogen: Recombinant His-tagged Ngg1 protein produced in E. coli
Reactivity: S. cerevisiae Ngg1protein. Not tested with other species
Form: Whole antiserum added with 0.1% sodium azide
Shipped at 4°C and stored at -20°C

Data Link
UniProt P32494 (NGG1_YEAST), SGD S000002583 NGG1 / YDR176W

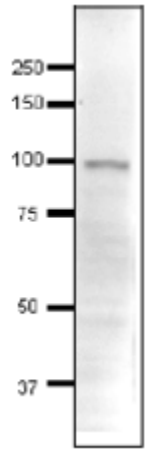

Figure 1. Detection of endogenous Ngg1 in whole cell extract of S. cerevisiae by Western blot, using the anti-Ngg1 antibody. The antibody was used at 1/500 dilution. As second antibody, HRP-conjugated goat anti-rabbit IgG antibody was used at 1/10,000.