

Anti-Ada2 (*S. cerevisiae*) antibody, rabbit polyclonal

Catalog # 62-027 100 ul

Ada2 functions as component of the transcription regulatory histone acetylation (HAT) complexes SAGA, SALSA 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).

Ada2 consists of 434 amino acids with molecular mass of 50,569 Da

Applications

Western blot 1:500-1,000 dilution

Not tested for other applications.

Specifications

Immunogen: Recombinant His-tagged Ada2 protein produced in *E. coli*

Reactivity: *S. cerevisiae* Ada2 protein. 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 Q02336 (ADA2_YEAST), SGD S000001511 TFA1/ YKL028W

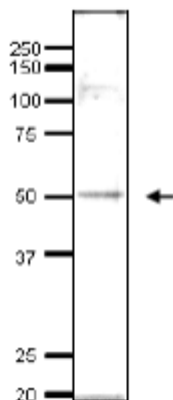


Figure 1. Detection of endogenous Ada2 in whole cell extract of *S. cerevisiae* by Western blot, using the anti-Ada2 antibody. The antibody was used at 1/500 dilution. As second antibody, HRP-conjugated goat anti-rabbit IgG was used at 1/10,000.