Manufacturer

Anti-Spt3 (S. cerevisiae) antibody, rabbit polyclonal

Cat. #62-005; Size:100 ul

Background:

Spt3 is a subunit of the SAGA and SAGA-like transcriptional regulatory complexes; interacts with Spt15p to activate transcription of some RNA polymerase II-dependent genes, also functions to inhibit transcription at some promoters; relocalizes to the cytosol in response to hypoxia.

Specifications:

Form: Whole rabbit antiserum added with 0.1% sodium azide.

Immunogen: Recombinant His-tagged S. cerevisiae Spt (1-200 aa).

Reactivity: S. cerevisiae Spt protein. Not tested with other species.

Storage: Shipped at 4℃ and stored at -20℃

Applications:

- Western blotting (1/2,000-1/5,000)
- ELISA

Data Link UniProt P06844 (SPT3_YEAST), SGD SPT3/YDR392W

References: This antibody was used in the following publications.

1. Takahata S et al "Autonomous function of the amino-terminal inhibitory domain of TAF1 in transcriptional regulation" *Mol Cell Biol* **24**: 3089 -3099 (2004) PMID: 15060133 **WB**
2. Takahashi H et al. Saccharomyces cerevisiae Med9 comprises two functionally distinct domains that play different roles in transcriptional regulation. Genes Cells. 2009 Jan;14(1):53-67. **WB**

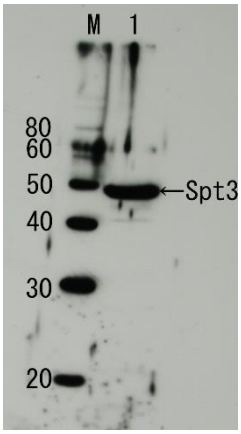

Fig.1 Detection of endogenous Spt3 by Western blotting using the Spt3 antibody.

Lane1: Extract of budding yeast

The antiserum was diluted 5,000 fold before use.