

## Anti-Gal 11p antibody

Immunized Animal: Rabbit

Polyclonal antiserum

62-001 (50 µl)

### Description

Mediator is a protein complex which performs a very important role both for the transcription at the basal level which does not rely on transcription control factor and the transcription activating reaction that relies on the transcription control factor. It has the characteristic of binding to the 7 amino acid repeated structure (CTD) that exists in the C terminal of the biggest subunit of RNA polymerase II. 30 kinds of subunits have already been identified as its composing substance, but it is said that multiple kinds of complex with varied subunit compositions exist in the cells. Gal11p is one of the mediator subunit and is composed of 1081 amino acid residues (aa).

The product is prepared by immunizing rabbit with recombinant protein which was over-expressed in *E. coli* with a plasmid carrying the N terminal domain (1-300aa) of Gal11p protein which is coded on the GAL11 gene of budding yeast, and purified by chromatography.

Using this antiserum in Western blotting, the band of 140 kD corresponding to Gal11p was obtained from the extract of yeast cells (Fig. 1).

### Usage

- Use for Western blotting or ELISA for the detection and titration of budding yeast Gal11p.

### Specification

Form: 0.1% sodium azide added to the antiserum.

Storage: 4°C

**Fig. 1** : Detection of Gal11p by Western blotting using the Gal11p antibody.

Lane 1, Extract of budding yeast.

The antiserum was diluted 5000-fold before use.

