

Anti-Sup35/PSI+ (*S.cerevisiae*) antibody, rabbit polyclonal

62-300 100 µl

Shipping and Storage: Ship at 4°C or -20°C and store at -20°C

Immunogen: Synthetic peptide corresponding to a.a. 494-507 of Sup35

Form: Purified IgG 4 mg/ml in PBS⁻, 50% glycerol, 0.09% sodium azide,

Purity: Rabbit polyclonal antibody, purified IgG fraction

Reactivity: *S. cerevisiae* Sup35, not tested with other species

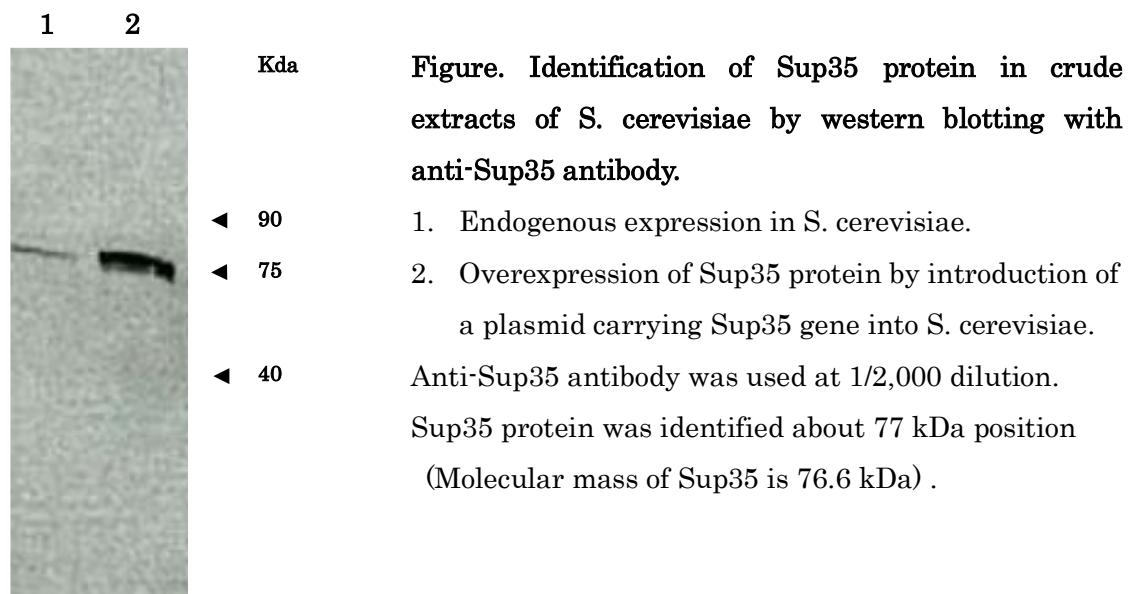
Applications

1) Western blotting (1,000~2,000 fold dilution). Not tested for other applications.

Background: **Sup35** protein of *S. cerevisiae* is the translation termination factor eRF3. The altered conformation of this protein generates the [*PSI⁺*] prion phenotype. In this state, a dominant cytoplasmically inherited protein aggregates are formed which sequester the normal function of **Sup35** thereby nonsense suppressor phenotype is created. The molecular chaperon Hsp104 is necessary for the formation and maintenance of the aggregates.

Data Link SGD [SUP35/YDR172W](#)

UniProtKB [P05453](#) (ERF3_YEAST)



Reference: This antibody has been used in the following reference.

Kimura Y *et al* "The role of pre-existing aggregates in Hsp104-dependent polyglutamine aggregate formation and epigenetic change of yeast prions" *Genes to Cells* **9**: 685-696 (2004)

PMID: [15298677](#) WB (*S. cerevisiae*)

Related product: [#62-302](#) anti-Rnq1 (*S. cerevisiae*) antibody