

anti-Nas6/p28 (*S.cerevisiae*) antibody, affinity purified

62-213 100 ul

Background: The 26 S proteasome is a protein complex with a molecular mass of ~2,000 kDa. It is essential not only for eliminating damaged or misfolded proteins but also for degrading short lived regulatory proteins involved in cell cycle regulation, DNA repair, signal transduction, apoptosis, and metabolic regulation (1). The 26S proteasome is composed of the 20S core particle (CP) and the 19S regulatory particle (RP). The RP is further subdivided into lid and base sub-complexes. **NAS6 (p28)** is a proteasome-interacting protein which acts as a chaperon to assemble the base sub-complex of the 19S RP (2). **NAS6** is composed of 226 amino acid residues with calculated molecular masses of 24.4kD (3).

Applications

- 1) Western blotting (x 5000 fold dilution)(Fig.1) 2) Immunoprecipitation
- 3) Not tested for other applications

Product: Rabbit polyclonal antibody affinity purified with recombinant Nas6

Immunogen: Recombinant yeast Nas6 expressed in *E. coli*

Form: Purified IgG in PBS, 1 mg/ml BSA, 0.09 % sodium azide, 50% glycerol

Reactivity: *S. cerevisiae* Nas6, not tested with other species

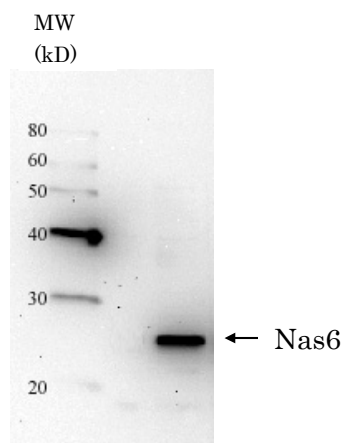
Storage: -20

Data Link SGD [NAS6/YGR232W](#)

References:

1. Hershko, A., and Ciechanover, A. "THE UBIQUITIN SYSTEM." *Annu. Rev. Biochem.* **67**, 425-479 (1998) PMID: [9759494](#)
2. Saeki, Y. *et al.* "Multiple proteasome-interacting proteins assist the assembly of the yeast 19S regulatory particle" *Cell* **137**:900-913 (2009) PMID: [19446323](#)
3. Hori, T. *et al.* "cDNA cloning and functional analysis of p28 (Nas6p) and p40.5 (Nas7p), two novel regulatory subunits of the 26S proteasome." *Gene* **216**:113-122 (1998) PMID: [9714768](#)

Figure1. Detection of Nas6 in the crude extract of *S. cerevisiae* by Western blotting using this antibody.



Related products: [# 62-201 anti-Rpn3](#), [#62-203 anti-Rpn5](#),
[#62-205 anti-Rpn7](#), #62-207 anti-Rpn9, #62-209 anti-Rpn12,
#62-211 anti-Nob1, #62-215 anti-Tem1