

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

# 62-213 100 µl

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

### Specification

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°C

### 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](#)

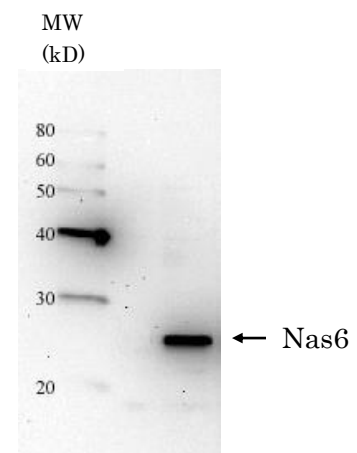


Fig.1. Detection of Nas6 in the crude extract of *S. cerevisiae* by Western blot using this antibody.