

Anti-Rpn3(*S. cerevisiae*) antibody, rabbit serum

Product code	62-201
Size	100 µl
Storage	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Concentration	N/A
Buffer	0.05% sodium azide
Purity	Rabbit antiserum
Immunogen	Recombinant yeast Rpn3p expressed in <i>E. coli</i>
Isotype	Rabbit IgG
Reactivity	<i>S. cerevisiae</i> Rpn3 protein Not tested with other species.
Special notes	N/A
Application	1. Western blotting (1/1000) 2. Immunoprecipitation Not tested for other applications
Background	The 26 S proteasome is a protein complex with a molecular mass of ~2000 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). Rpn3p is essential, non-ATPase regulatory subunit of the 26S proteasome lid, similar to the p58 subunit of the human 26S proteasome (2, 3, 4).
Data Link	SGD RPN3/YER021W
Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.	

Data Images: 62-201 Anti-Rpn3 (*S. cerevisiae*) antibody, rabbit serum

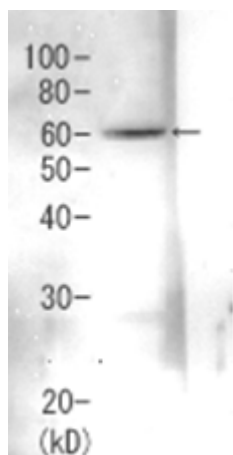


Fig.1 Detection of Rpn3 (60kDa) in the crude extract of *S. cerevisiae* by Western blotting using this antibody.

References: This product was used in ref. 3 and 4

1. Hershko A and Ciechanover A "THE UBIQUITIN SYSTEM" *Annu. Rev. Biochem.* **67**: 425-479 (1998) PMID: [9759494](#)
2. Finley D *et al* "Unified nomenclature for subunits of the *Saccharomyces cerevisiae* proteasome regulatory particle" *Trends Biochem Sci* **23**: 244-245 (1988) PMID [9697412](#)
3. Glickman MH *et al* "A subcomplex of the proteasome regulatory particle required for ubiquitin-conjugate degradation and related to the COP9 signalosome and eIF3" *Cell* **94**: 615-623 (1998) PMID: [9741626](#)
4. Isono E *et al* "Rpn7 is required for the structural integrity of the 26S proteasome of *Saccharomyces cerevisiae*" *J Biol Chem* **279**: 27168-27176(2004) PMID: [15102831](#)

Related products:

- 62-200 anti-Rpn1 (*S. cerevisiae*) antibody, rabbit serum
- 62-203 anti-Rpn5 (*S. cerevisiae*) antibody, rabbit polyclonal
- 62-205 anti-Rpn7 (*S. cerevisiae*) antibody, rabbit polyclonal
- 62-207 anti-Rpn9 (*S. cerevisiae*) antibody, rabbit polyclonal
- 62-209 anti-Rpn12 (*S. cerevisiae*) antibody, rabbit polyclonal
- 62-211 anti-Nob1 (*S. cerevisiae*) antibody, rabbit polyclonal
- 62-213 anti-Nas6/p28 (*S. cerevisiae*) antibody, rabbit polyclonal
- 62-215 anti-Tem1 (*S. cerevisiae*) antibody, rabbit polyclonal