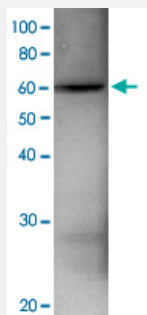


RPN3 polyclonal antibody

Catalog # PAB15593 Size 100 uL

Applications



Western Blot (Cell lysate)

Detection of RPN3 (60 kDa) in the crude extract of *S. cerevisiae* by Western blotting using RPN3 polyclonal antibody (Cat # PAB15593).

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant RPN3.
Immunogen	Recombinant protein corresponding to <i>Saccharomyces cerevisiae</i> RPN3.
Host	Rabbit
Reactivity	Yeast
Specificity	This antibody react with <i>S. cerevisiae</i> RPN3.
Form	Liquid
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In antiserum (0.05% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Detection of RPN3 (60 kDa) in the crude extract of *S. cerevisiae* by Western blotting using RPN3 polyclonal antibody (Cat # PAB15593).

- Immunoprecipitation

Gene Info — RPN3

Entrez GeneID	856742
Gene Name	RPN3
Gene Alias	SUN2
Gene Description	Essential, non-ATPase regulatory subunit of the 26S proteasome lid, similar to the p58 subunit of the human 26S proteasome; temperature-sensitive alleles cause metaphase arrest, suggesting a role for the proteasome in cell cycle control
Gene Ontology	Hyperlink
Gene Summary	-
Other Designations	Rpn3p

Publication Reference

- [Rpn7 Is required for the structural integrity of the 26 S proteasome of *Saccharomyces cerevisiae*.](#)

Isono E, Saeki Y, Yokosawa H, Toh-e A.

The Journal of Biological Chemistry 2004 Jun; 279(26):27168.

Application: WB, Yeast, Yeast cells

- [Unified nomenclature for subunits of the *Saccharomyces cerevisiae* proteasome regulatory particle.](#)

Finley D, Tanaka K, Mann C, Feldmann H, Hochstrasser M, Vierstra R, Johnston S, Hampton R, Haber J, Mccusker J, Silver P, Frontali L, Thorsness P, Varshavsky A, Byers B, Madura K, Reed SI, Wolf D, Jentsch S, Sommer T, Baumeister W, Goldberg A, Fried V, Rubin DM, Toh-e A, et al..

Trends in Biochemical Sciences 1998 Jul; 23(7):244.

- [The ubiquitin system.](#)

Hershko A, Ciechanover A.

Annual Review of Biochemistry 1998 Jul; 67:425.