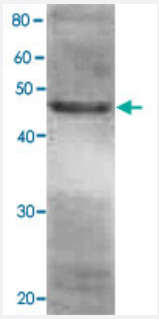
RPN7 polyclonal antibody

Catalog # PAB15595 Size 100 uL

Applications



Western Blot (Cell lysate)

Detection of RPN7 (49 kDa) in the crude extract of S. cerevisiae by Western blotting using RPN7 polyclonal antibody (Cat # PAB15595).

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant RPN7.
Immunogen	Recombinant protein corresponding to *Saccharomyces cerevisiae* RPN7.
Host	Rabbit
Reactivity	Yeast
Specificity	This antibody react with *S. cerevisiae* RPN7.
Form	Liquid
Recommend Usage	Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM Tris-HCl, 100 mM NaCl, pH 7.4 (0.05% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Detection of RPN7 (49 kDa) in the crude extract of S. cerevisiae by Western blotting using RPN7 polyclonal antibody (Cat # PAB15595).

- Immunoprecipitation

Gene Info — RPN7

Entrez GeneID	856223
Gene Name	RPN7
Gene Alias	-
Gene Description	Essential, non-ATPase regulatory subunit of the 26S proteasome, similar to another S. cerevisiae regulatory subunit, Rpn5p, as well as to mammalian proteasome subunits
Gene Ontology	Hyperlink
Gene Summary	-
Other Designations	Rpn7p

Publication Reference

- The assembly pathway of the 19S regulatory particle of the yeast 26S proteasome.

  Isono E, Nishihara K, Saeki Y, Yashiroda H, Kamata N, Ge L, Ueda T, Kikuchi Y, Tanaka K, Nakano A, Toh-e A.

  Molecular Biology of the Cell 2007 Feb; 18(2):569.

  Application: WB, Yeast, W303-1, YEK100 cells

- 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

- The ubiquitin system.

  Hershko A, Ciechanover A.

  Annual Review of Biochemistry 1998 Jul; 67:425.