



Anti-RPN7 polyclonal antibody (DPAB3130RS)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Rpn7
Antigen Description	The 26 S proteasome is a protein complex with a molecular mass of 2000 kDa and is highly conserved among eukaryotic organisms. 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. Rpn7 is one of the lid subunits of the 26 S proteasome regulatory particle. The RPN7 gene is known to be essential and required for the integrity of the 26 S complex by establishing a correct lid structure.
Specificity	<i>S. cerevisiae</i> Rpn7p. Not tested with other species.
Immunogen	Recombinant yeast Rpn7p expressed in <i>E. coli</i>
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Yeast
Conjugate	Unconjugated
Applications	WB, IP
Format	Purified IgG in 100 mM NaCl, 10 mM Tris-HCl pH 7.4, 0.05 % sodium azide
Size	100 µl
Preservative	0.05% Sodium Azide
Storage	-20°C. To avoid repeated freezing and thawing, store the antibody in aliquots.

GENE INFORMATION

Gene Name	RPN7 Rpn7p [Saccharomyces cerevisiae S288c]
Official Symbol	RPN7
Synonyms	RPN7; Rpn7p; NP_015433.1; YPR108W; Rpn7; Eukaryota; Fungi; Ascomycota; Saccharomycotina (true yeasts); Taphrinomycotina; Schizosaccharomycetes (fission yeasts); Basidiomycota; Agaricomycotina; Tremellomycetes; Pucciniomycotina; Microbotryomycetes
Entrez Gene ID	856223
Protein Refseq	NP_015433
UniProt ID	Q06103
Pathway	Proteasome; Proteasome, 19S regulatory particle (PA7).
Function	binding; structural molecule activity