



Anti-RPN5 polyclonal antibody (DPAB3129RS)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Rpn5
Antigen Description	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. Rpn5p is essential, non-ATPase regulatory subunit of the 26S proteasome lid, similar to mammalian p55 subunit and to another <i>S. cerevisiae</i> regulatory subunit, Rpn7. It consists of 445 amino acids with molecular weight of 51,768.
Specificity	<i>S. cerevisiae</i> Rpn5p. Not tested with other species
Immunogen	Recombinant yeast Rpn5p 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	RPN5 Rpn5p [Saccharomyces cerevisiae S288c]
Official Symbol	RPN5
Synonyms	RPN5; Rpn5p; NAS5; NP_010134.1; YDL147W; Rpn5; Eukaryota; Fungi; Ascomycota; Saccharomycotina (true yeasts); Taphrinomycotina; Schizosaccharomycetes (fission yeasts); Basidiomycota; Agaricomycotina; Tremellomycetes; Pucciniomycotina; Microbotryomycetes
Entrez Gene ID	851408
Protein Refseq	NP_010134
UniProt ID	Q12250
Pathway	Proteasome; Proteasome Degradation; Proteasome, 19S regulatory particle (PA700)
Function	molecular_function