



Anti-RNQ1 (C-terminal) polyclonal antibody (DPAB3115RS)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Rnq1
Antigen Description	The glutamine- and asparagine-rich protein, Rnq1, is a putative yeast prion. Rnq1 protein with yet unknown function, can exists in either noninfectious soluble monomer form, [pin-], or the insoluble aggregated amyloid-like form called [PIN+]. The insoluble state is dominant and transmitted between cells through the cytoplasm. Rnq1 protein is necessary for the de novo induction of another prion, [PSI+]. The molecular chaperone Hsp104 is necessary for the aggregate formation of polyglutamine and for the maintenance of prion phenotype. The pre-existing aggregates are required for the chaperon-dependent establishment of the epigenetic trait in yeast prions.
Specificity	S. cerevisiae Rnq1, not tested with other species
Immunogen	Synthetic peptide CSQQNNNGNQNRY corresponding to the C-terminus region of Rnq1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Saccharomyces cerevisiae
Conjugate	Unconjugated
Applications	WB
Format	Purified IgG in PBS, 1mg/ml BSA, 0.09% sodium azide, 50% glycerol
Size	100 µl
Preservative	0.09% Sodium Azide

Storage

-20°C (for longer period, -70°C)

GENE INFORMATION

Gene Name	RNQ1 Rnq1p [Saccharomyces cerevisiae S288c]
Official Symbol	RNQ1
Synonyms	RNQ1; Rnq1p; NP_009902.2; YCL028W; Eukaryota; Fungi; Ascomycota; Saccharomycotina (true yeasts); Taphrinomycotina; Schizosaccharomycetes (fission yeasts); Basidiomycota; Agaricomycotina; Tremellomycetes; Pucciniomycotina; Microbotryomycetes
Entrez Gene ID	850329
Protein Refseq	NP_009902
UniProt ID	P25367
Function	binding; molecular_function