



Rabbit Anti-IOC4 antibody

SL18181R

Product Name:	IOC4
Chinese Name:	IOC4
Alias:	Hypothetical 55.4 kDa protein in MCM1-NUP116 intergenic region; Ioc4p; IOC4 YEAST; YMR044W.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Saccharomyces cerevisiae
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	55kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from Saccharomyces cerevisiae IOC4:401-475/475
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	IOC4 is a member of a complex (Isw1b) with Isw1p and Ioc2p that exhibits nucleosome stimulated ATPase activity and acts within coding regions to coordinate transcription elongation with termination and processing. IOC4 contains a PWWP motif.

Function:

Functions as component of the ISW1B complex, which acts in remodeling the chromatin by catalyzing an ATP-dependent alteration in the structure of nucleosomal DNA. The ISW1B complex acts within coding regions to control the amount of RNA polymerase II released into productive elongation and to coordinate elongation with termination and pre-mRNA processing.

Subunit:

Component of the ISW1B complex, which at least consists of ISW1, IOC2 and IOC4.

Subcellular Location:

Nuclear

Gene ID:

855061

Database links:

[Entrez Gene: 855061](#) Saccharomyces cerevisiae

[SwissProt: Q04213](#) Saccharomyces cerevisiae

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.