

Swi6 Antibody

CATALOG NO:	6285-30T 30 µg (Trial size) 6285-100 100 µg
ALTERNATE NAMES:	Chromatin-associated protein swi6
CONCENTRATION:	0.5 mg/ml
HOST:	Rabbit
ISOTYPE:	IgG
IMMUNOGEN:	Synthetic peptide from the middle of the sequence
INTERNAL ID:	BV-M49-50
PURIFICATION:	Affinity purified rabbit IgG
FORM:	Liquid
FORMULATION:	0.5 mg/ml of antibody in PBS, 0.01 % BSA, 0.01 % thimerosal and 50 % glycerol, pH 7.2
SPECIES REACTIVITY:	Human, Mouse and Rat.
STORAGE CONDITIONS:	Store for 1 year at -20°C from date of shipment. Avoid repeated freeze/thaw cycles.

DESCRIPTION: Swi6 protein of fission yeast is a functional and structural homolog of HP1 (Heterochromatin Protein 1) of animals and is involved in the formation of heterochromatin structure by binding to centromere, telomere and silent mating-type locus. It is also involved in silencing the genes and sister chromatid cohesion by binding to histone H3 methylated at Lys9 and the cohesin subunit Psc3. It is also involved in the repression of the silent mating-type loci MAT2 and MAT3. It may compact MAT2/3 into a heterochromatin-like conformation which represses the transcription of these silent cassettes.

APPLICATION: Western blot: 1:200

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

RELATED PRODUCTS:

- Swi6 Blocking Peptide (Cat. No. 6285BP-50)

FOR RESEARCH USE ONLY! Not to be used on humans.