

**Swi6 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV11182****Specification**

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**Swi6 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q1ZZU3</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26739

**Swi6 Antibody - Additional Information****Gene ID** 375757

Application & Usage	<b>Western blot: 1:200</b>
<b>Other Names</b>	
Chromatin-associated protein swi6	

**Target/Specificity**  
Swi6**Antibody Form**  
Liquid**Appearance**  
Colorless liquid**Formulation**  
100 µg (0.5 mg/ml) of antibody in PBS, 0.01 % BSA, 0.01 % thimerosal, and 50 % glycerol, pH 7.2**Handling**  
The antibody solution should be gently mixed before use.**Reconstitution & Storage**  
-20 °C**Background Descriptions****Precautions**  
Swi6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**Swi6 Antibody - Protein Information**

**Name** SWI5

**Synonyms** C9orf119, SAE3

**Function**

Component of the SWI5-SFR1 complex, a complex required for double-strand break repair via homologous recombination.

**Cellular Location**

Nucleus.

**Swi6 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Swi6 Antibody - Images**

**Swi6 Antibody - Background**

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.