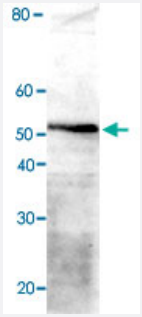
SWI6 polyclonal antibody

Catalog # PAB15585 Size 50 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of crude extract of S. pombe detects a protein with an apparent molecular size of 53 KDa. Using SWI6 polyclonal antibody (Cat # PAB15585).

Specification

Product Description	Rabbit polyclonal antibody raised against full length recombinant SWI6.
Immunogen	Recombinant protein corresponding to full length *S. pombe* SWI6.
Host	Rabbit
Reactivity	Yeast
Specificity	This antibody reacts with SWI6 of *S. pombe*. Although genome data indicate the swi6 gene encodes a protein of 37 KDa, Western blot analysis of crude extract of *S. pombe* detects a protein with an ap parent molecular size of 53 KDa.
Form	Liquid
Recommend Usage	Western Blot (1:2000-1:10000) The optimal working dilution should be determined by the end user.
Storage Buffer	In antiserum (0.09% sodium azide)..
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Applications

- Immunoprecipitation
- Western Blot (Cell lysate)

  Western blot analysis of crude extract of S. pombe detects a protein with an apparent molecular size of 53 KDa. Using SWI6 polyclonal antibody (Cat # PAB15585).

Gene Info — SWI6

Entrez GeneID	850879
Protein Accession#	P40381
Gene Name	SWI6
Gene Alias	PSL8, SDS11
Gene Description	Swi6p
Gene Ontology	Hyperlink
Gene Summary	forms complexes with DNA-binding proteins Swi4p and Mbp1p to regulate transcription at the G1 /S transition; involved in meiotic gene expression; localization regulated by phosphorylation; poten tial Cdc28p substrate
Other Designations	Transcription cofactor, forms complexes with DNA-binding proteins Swi4p and Mbp1p to regulate transcription at the G1/S transition; involved in meiotic gene expression; localization regulated by phosphorylation; potential Cdc28p substrate

Publication Reference

- Ers1 links HP1 to RNAi.

  Rougemaille M, Braun S, Coyle S, Dumesic PA, Garcia JF, Isaac RS, Libri D, Narlikar GJ, Madhani HD.

  PNAS 2012 Jul; 109(28):11258.

  Application: WB, Yeast, Yeast

- Programmed DNA deletion as an RNA-guided system of genome defense.

  Yao MC, Fuller P, Xi X.

  Science 2003 Jun; 300(5625):1581.

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- Conservation of heterochromatin protein 1 function.

  Wang G, Ma A, Chow CM, Horsley D, Brown NR, Cowell IG, Singh PB.

  Molecular and Cellular Biology 2000 Sep; 20(18):6970.

  Application: WB, Yeast, Yeast cells

- The chromodomain protein Swi6: a key component at fission yeast centromeres.

  Ekwall K, Javerzat JP, Lorentz A, Schmidt H, Cranston G, Allshire R.

  Science 1995 Sep; 269(5229):1429.

  Application: IF, WB-Ce, WB-Tr, Yeast, Yeast cells

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