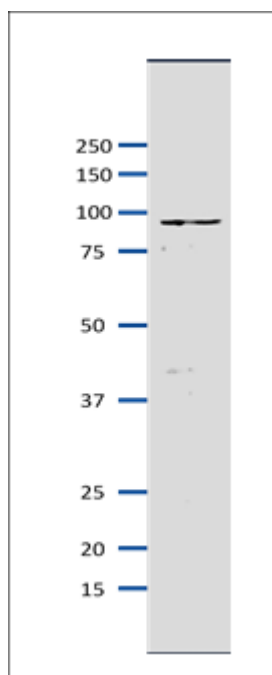


## Anti-Mcm7 (*S. pombe*) antibody, rabbit polyclonal

<b>Product code</b>	63-024
<b>Size</b>	100 µg
<b>Storage</b>	-20°C
<b>Concentration</b>	2.0 mg/ml
<b>Buffer</b>	PBS <sup>-</sup> with 50% glycerol
<b>Purity</b>	Purified IgG fraction with protein A from rabbit antiserum.
<b>Immunogen</b>	Recombinant His6 1-207 amino acids of <i>S. pombe</i> Mcm7.
<b>Isotype</b>	Rabbit IgG
<b>Reactivity</b>	<i>S. pombe</i> Mcm7 protein
<b>Special notes</b>	N/A
<b>Application</b>	1. Western blotting (1/1000-1/2000) Not tested for other applications.
<b>Background</b>	Mcm7 acts as a component of mcm2-7 complex which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. Calculated molecular mass: 85.6 kDa <b>Subcellular location:</b> Nucleus
<b>Data Link</b>	UniProtKB <a href="#">75001</a> ( <i>S. pombe</i> Mcm7)
Please note: All products are FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR MILITARY USE.	

**Data Images:** 63-024 Anti-Mcm5 (*S. pombe*) antibody, rabbit polyclonal



**Fig.1 Western blot of Mcm7 protein in *S. pombe* crude extract**

Anti-Mcm7 antibody was used at 1/2000 dilution. Second antibody (goat anti-rabbit IgG antibody, HRP-conjugated, ab97051) was used at 1/10,000 dilution. *S. pombe* extract, 8  $\mu$ g.

**References:** This product has been used in the following publications.

Yamada Y et al. A Novel Intermediate in Initiation Complex Assembly for Fission Yeast DNA Replication. *Mol Biol Cell*. 2004, Aug;15(8): 3740-50. PMID: [15194812](https://pubmed.ncbi.nlm.nih.gov/15194812/). WB: *S. pombe*

**Related Products:**

- 63-020 Anti-Mcm2 (*S. pombe*) antibody
- 63-021 Anti-Mcm3 (*S. pombe*) antibody
- 63-022 Anti-Mcm5 (*S. pombe*) antibody
- 63-023 Anti-Mcm6 (*S. pombe*) antibody
- 63-030 Anti-Psf1 (*S. pombe*) antibody
- 63-032 Anti-Psf3 (*S. pombe*) antibody
- 63-035 Anti-Sld5 (*S. pombe*) antibody
- 63-037 Anti-Ssb2 / Rpa2 (*S. pombe*) antibody
- 63-041 Anti-Orc2 (*S. pombe*) antibody
- 63-043 Anti-Orc4 (*S. pombe*) antibody