Anti-Orc4 (S. pombe) antibody, rabbit polyclonal

63-043 100 µ g

Shipment and Storage: Ship at 4°C and store at -20°C. Do not freeze below -20℃

Immunogen: Recombinant His6 - Orc4 (1-329 amino acids) of *S. pombe*.

Reactivity: React with *S. pombe* Orc4 protein

Applications:

1. Western blot (1/1,000 ~1/2,000)
2. ImmunoPrecipitation (1/200)
3. Chromatin ImmunoPrecipitation (Assay dependent).

Form: 2 mg/ml. IgG (Protein A affinity-purified) in PBS, 50% glycerol. Sterilized by ultra-filtration.

Background: Component of the origin recognition complex (ORC) that binds origins of replication. It has a role in both chromosomal replication and mating type transcriptional silencing. ORC binds to multiple sites within the ars1 origin of DNA replication in an ATP-independent manner. This binding is mediated by the N-terminal A.T hook repeats of Orc4. (Calculated Molecular Mass: 108.6 kDa).

Subcellular location: Nucleus

Data Link: UniProtKB Q9Y794 (S. pombe Orc4)

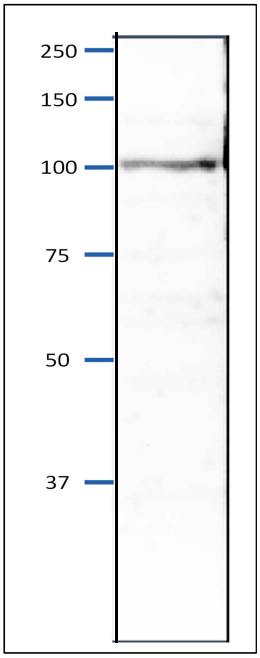

Fig.1 Western blot of Orc4 protein in S. pombe crude extract

Sample: *S. pombe* crude extract, 8 µg

Anti-Orc4 antibody was used at 1/2000 dilution. Second antibody (goat anti-rabbit IgG antibody, HRP-conjugated, ab97051) was used at 1/10,000 dilution..

BioAcademia,Inc. Tel. 81-6-6877-2335 Fax. 81-6-6877-2336 info@bioacademia.co.jp http://www.bioacademia.co.jp/en/

References: This product has been used in the following publication.

Takahashi T et al. Multiple ORC-binding sites are required for efficient MCM loading and origin firing in fission yeast. EMBO J. 2003, Feb;22 (4): 964-74. PMID: 12574132 .**ChIP, IP, ; 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
63-024 Anti-Mcm7 (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