Anti-Shugoshin 1 (*S. pombe*) antibody

63-154 100 ul

**Shipping and Storage:** Ship at 4 °C and store at -20°C

**Background:** Shugoshin 1 (Sgo1), a meiosis-specific protein, protects centromeric Rec8 from degradation during first meiotic division (meiosis I) in fission yeast *Schizosaccharomyces pombe*. This protein appears at late prophase of meiosis I and is degraded at anaphase I.

**Applications**
1) Western blotting (1,000 fold dilution)
2) Immunofluoreescence staining (100 fold dilution)

**Antibody:** Recombinant Shugosin 1 was used as immunogen for rabbit immunization and affinity purification.

**Form:** 0.2 mg/ml affinity purified anti-Shugosin 1 antibody in 1 mg/ml BSA, PBS (pH 7.2), 50% glycerol, filter-sterilized, azide free

**Data Link** UniProtKB/SwissProt Q9P7A0 (SGO1_SCHPO)

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**Fig.1 Detection of shugoshin 1 protein by Western blotting.**
Sample: Extract of MP111 cells.
The antibody was diluted 1000 fold before use.
The 37 kD band corresponds to Shugoshin 1 protein.

**Fig.2 Immunostaining of Shugoshin 1 in synchronized diploid fission yeast.**
Anti-Shugoshin 1 antibody was used as primary antibody and Alexa-488-conjugated anti-rabbit IgG was used as secondary antibody.
**References:**  This product was used in references 2 and 3.


**Related product:** Anti-Swi6 (*S. pombe*) antibody, rabbit ([63-101](#), [63-102](#))