POLYCLONAL ANTIBODY

Anti- Cnd2 (S. pombe)

BACKGROUND
Cnd2 protein is a regulatory subunit of the condensin complex, which is required for conversion of interphase chromatin into mitotic condensed chromosomes in S. pombe. The condensin complex also plays a role during interphase in processes of DNA repair and recombination. Although molecular mass of the Cdn2 protein of S. pombe from the DNA sequence is 83.2 kDa, it migrates on SDS-PAGE at a position equivalent to a 105 kDa protein (Ref. 2).

Product type
Primary antibodies

Antigen
Recombinant GST-Cnd2 fusion protein expressed in E. coli

Host
Rabbit

Clone
-

Isotype
-

Source
Serum

Form
Rabbit antiserum added with 0.05 % sodium azide

Concentration
-

Volume
100 ul

Label
-

Specificity
Reacts with S. pombe Cnd2 protein.

Cross reactivity

Storage
Shipped at 4°C. Upon arrival aliquot and store at -20°C or below.

Other Data Link: cnd2: pombe : GeneDB

Application notes
WB, IF
Other applications have not been tested.
Recommended dilutions

Western blotting ( 500 fold dilution / Ref. 1, 2, 3 )
Immunofluorescent staining ( Ref. 3 )

Optimal dilutions/concentrations should be determined by the end user.

References
Fig. 1  Identification of Cnd2 protein in the crude extract of S. pombe by western blotting with this antiserum.

Fig. 2  Detection of Cnd2 protein by immunofluorescent staining of S. pombe cell.