



PRODUCT DATA SHEET

Bioworld Technology, Inc.

NCAPD3 polyclonal antibody

Catalog: BS32955

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Condensin-2 complex subunit D3: Regulatory subunit of the condensin-2 complex, a complex which establishes mitotic chromosome architecture and is involved in physical rigidity of the chromatid axis. May promote the resolution of double-strand DNA catenanes (intertwines) between sister chromatids. Condensin-mediated compaction likely increases tension in catenated sister chromatids, providing directionality for type II topoisomerase-mediated strand exchanges toward chromatid decatenation. Specifically required for decatenation of centromeric ultrafine DNA bridges during anaphase. Early in neurogenesis, may play an essential role to ensure accurate mitotic chromosome condensation in neuron stem cells, ultimately affecting neuron pool and cortex size

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~169 kDa

Swiss-Prot:

P42695

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of NCAPD3 protein

DATA:

Western blot analysis of DDEF2 expression in HEK293T (A), NS-1 (B), H9C2 (C) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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