

Anti-Ctdp1 (RNA polymerase II subunit A C-terminal domain phosphatase) Polyclonal Antibody

Cat. #: 60B962

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Description:

Ctdp1 (RNA polymerase II subunit A C-terminal domain phosphatase) processively dephosphorylates Ser-2 and Ser-5 of the heptad repeats YSPTSPS in the carboxyl-terminal domain of the largest RNA polymerase II subunit. This promotes the activity of RNA polymerase II. Ctdp1 interacts with GTF2F1. In the presence of TFIIF, the phosphorylated form has an increased CTD phosphatase activity. The phosphorylation is required for the physical interaction with GTF2F1.

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of mouse Ctdp1(RNA polymerase II subunit A C-terminal domain phosphatase)

References

Yamamoto,K., et al, Mol. Cell. Biol. 24 (14), 6338-6349 (2004)

Species: mouse, human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)