

CTDSP2 Antibody (N-term)

Catalog_no :	AB1345
Applications :	WB
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:11-39
Specificity :	This CTDSP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 11-39 amino acids from the N-terminal region of human CTDSP2.
Dilution :	WB,1:1000;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 2, Nuclear LIM interactor-interacting factor 2, NLI-interacting factor 2, Protein OS-4, Small C-terminal domain phosphatase 2, Small CTD phosphatase 2, SCP2, CTDSP2, NIF2, OS4, SCP2
Isotype :	Rabbit Ig
Background :	Preferentially catalyzes the dephosphorylation of 'Ser-5' within the tandem 7 residues repeats in the C-terminal domain (CTD) of the largest RNA polymerase II subunit POLR2A. Negatively regulates RNA polymerase II transcription, possibly by controlling the transition from initiation/capping to processive transcript elongation. Recruited by REST to neuronal genes that contain RE-1 elements, leading to neuronal gene silencing in non-neuronal cells. May contribute to the development of sarcomas.
reference :	Lamesch, P., et al. Genomics 89(3):307-315(2007) Sapkota, G., et al. J. Biol. Chem. 281(52):40412-40419(2006) Thompson, J., et al. EMBO J. 25(12):2757-2767(2006) Yeo, M., et al. J. Biol. Chem. 278(28):26078-26085(2003) Su, Y.A., et al. Oncogene 15(11