

Anti-Human/Mouse/Rat CTDSP1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03180

3th Edition

Description: 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.

Antigen: Synthesized peptide derived from the N-terminal region of human CTDSP1.

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Expression is restricted to non-neuronal tissues. Highest expression in skeletal muscle, spleen, lung and placenta.