

CTDSP1 polyclonal antibody

Catalog: BCP00593

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 1, preferentially catalyzes the dephosphorylation of 'Ser-5' within the tandem 7 residue 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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 29 kDa

Swiss-Prot:

Q9GZU7

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IP: 1:50~1:200

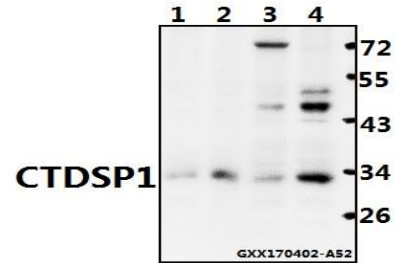
Storage&Stability:

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

Specificity:

CTDSP1 polyclonal antibody detects endogenous levels of CTDSP1 protein.

DATA:



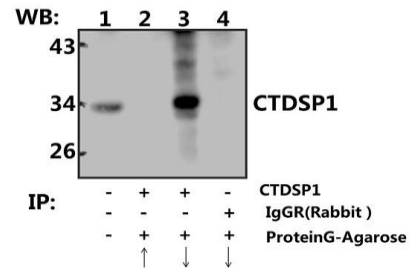
Western blot (WB) analysis of CTDSP1 polyclonal antibody at 1:500 dilution

Lane1:NIH-3T3 whole cell lysate(40ug)

Lane2:PMVEC whole cell lysate(40ug)

Lane3:H1792 whole cell lysate(40ug)

Lane4:A549 whole cell lysate(40ug)



Immunoprecipitation of SGC7901 cell lysate using CTDSP1 polyclonal antibody (Sepharose Bead Conjugate) #BD0048(lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate) #BD0048 (lane 4).Lane 1 is 30% input.The western blot was probed using CTDSP1.

“ ↑ ” (supernatant) ; “ ↓ ” (deposition)

Note:

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