


Product datasheet

Anti-CTDSP2 antibody ab97463

1 References 1 Image

Overview

Product name	Anti-CTDSP2 antibody
Description	Rabbit polyclonal to CTDSP2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Cow 
Immunogen	Recombinant fragment, corresponding to a region within amino acids 26 - 256 of Human CTDSP2.
Positive control	293T, A431, H1299 or Raji cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.01% Thimerosal (merthiolate) Constituents: 10% Glycerol, 0.1M Tris, 0.1M Glycine, pH 7.0
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab97463** in the following tested applications.

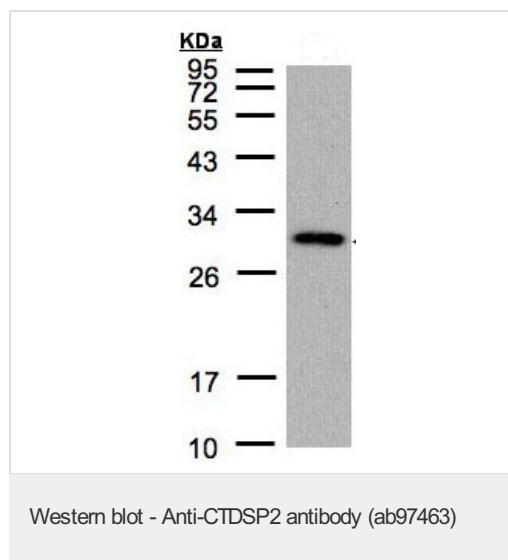
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 31 kDa.

Target

Function	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.
Tissue specificity	Expression is restricted to non-neuronal tissues. Highest expression in pancreas and lowest in liver.
Sequence similarities	Contains 1 FCP1 homology domain.
Cellular localization	Nucleus.

Images



Anti-CTDSP2 antibody (ab97463) at 1/1000 dilution + 293T whole cell lysate at 30 µg

Predicted band size: 31 kDa

12% SDS-PAGE.

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