



[Go to Product page](#)

Datasheet for ABIN1398009

## anti-CTDSPL antibody (AA 175-276) (Alexa Fluor 350)

### Overview

Quantity:	100 µL
Target:	CTDSPL
Binding Specificity:	AA 175-276
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTDSPL antibody is conjugated to Alexa Fluor 350
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CTDSPL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Sheep,Pig,Horse,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	CTDSPL
Alternative Name:	CTDSPL ( <a href="#">CTDSPL Products</a> )

## Target Details

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**Background:** Synonyms: Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 3, CTD small phosphatase-like protein, CTDSL\_HUMAN, CTDSP-like, Ctdspl, hYA22, N-like protein, NLI-interacting factor 1, Nuclear LIM interactor-interacting factor 1, Protein YA22, RBSP3, SCP3, Small C-terminal domain phosphatase 3, Small CTD phosphatase 3.

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 (By similarity). Recruited by REST to neuronal genes that contain RE-1 elements, leading to neuronal gene silencing in non-neuronal cells.

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**Gene ID:** 10217

## Application Details

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**Application Notes:** FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months