

**CTDSPL Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10036a****Specification**

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**CTDSPL Antibody (N-term) - Product Information**

Application	FC, WB,E
Primary Accession	<a href="#">O15194</a>
Other Accession	<a href="#">NP_001008393.1</a> , <a href="#">NP_005799.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31129
Antigen Region	1-30

**CTDSPL Antibody (N-term) - Additional Information****Gene ID** 10217**Other Names**

CTD small phosphatase-like protein, CTDSP-like, Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 3, NIF-like protein, Nuclear LIM interactor-interacting factor 1, NLI-interacting factor 1, Protein YA22, hYA22, RBSP3, Small C-terminal domain phosphatase 3, SCP3, Small CTD phosphatase 3, CTDSPL, C3orf8, NIF1, NIFL, SCP3, YA22

**Target/Specificity**

This CTDSPL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human CTDSPL.

**Dilution**

FC~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

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.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CTDSPL Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CTDSPL Antibody (N-term) - Protein Information**

**Name** CTDSPL

**Synonyms** C3orf8, NIF1, NIFL, SCP3, YA22

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

**Cellular Location**

Nucleus.

**Tissue Location**

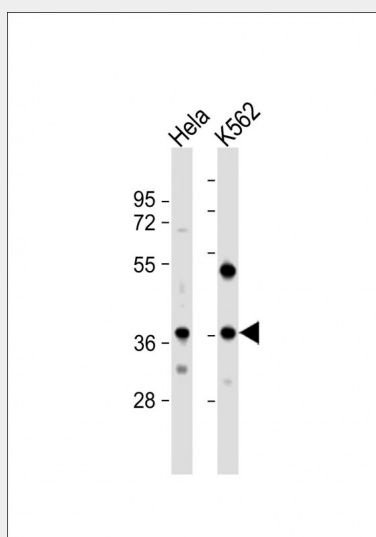
Expression is restricted to non-neuronal tissues.

**CTDSPL Antibody (N-term) - Protocols**

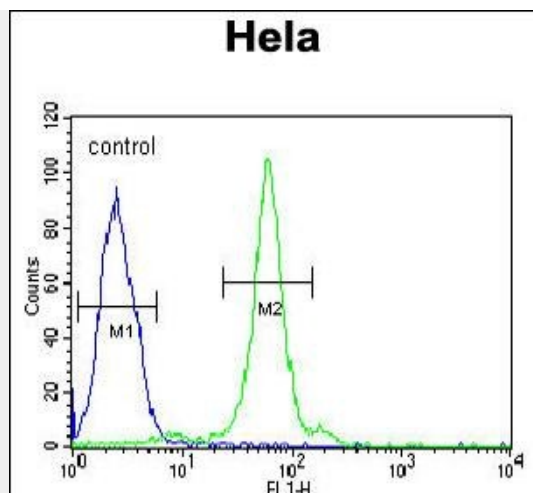
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CTDSPL Antibody (N-term) - Images**



All lanes : Anti-CTDSPL Antibody (N-term) at 1:1000 dilution Lane 1: HeLa whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



CTDSP1 Antibody (N-term) (Cat. #AP10036a) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.