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CTDSPL Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10036a

Product Information

Application	FC, WB, E
Primary Accession	O15194
Other Accession	NP_001008393.1, NP_005799.2
Reactivity	Human
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB27643
Calculated MW	31129
Antigen Region	1-30

Additional Information

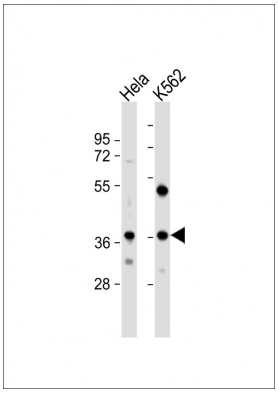
Gene ID	10217
Other Names	CTD small phosphatase-like protein, CTDSP-like, Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 3, NIF-like protein, Nuclear LIM interactor-interacting factor 1, NLI-interacting factor 1, Protein YA22, hYA22, RBSP3, Small C-terminal domain phosphatase 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.

Protein Information

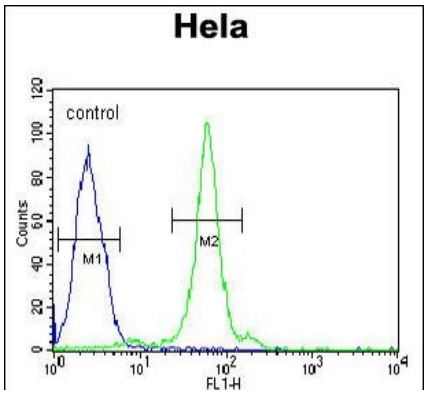
Name	CTDSPL

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.

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.



CTDSPL 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.