

Anti-CTDSP1 / SCP1 Antibody (aa1-50)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18077

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9GZU7
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	29203

Additional Information

Gene ID	58190
Alias Symbol	CTDSP1
Other Names	CTDSP1, NIF3, NLIIF, NLI-IF, SCP1, NLI-interacting factor 3, Small CTD phosphatase 1
Target/Specificity	CTDSP1 Antibody detects endogenous levels of total CTDSP1 protein.
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-CTDSP1 / SCP1 Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CTDSP1
Synonyms	NIF3, NLIIF, SCP1
Function	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.
Cellular Location	Nucleus. Note=Colocalizes with RNA polymerase II
Tissue Location	Expression is restricted to non-neuronal tissues. Highest expression in skeletal muscle, spleen, lung and placenta

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