

Anti-CTDSP1 / SCP1 Antibody (aa1-50)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18077**Specification**

Anti-CTDSP1 / SCP1 Antibody (aa1-50) - Product Information

Application	WB, IHC-P, E
Primary Accession	O9GZU7
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	29203

Anti-CTDSP1 / SCP1 Antibody (aa1-50) - 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.

Anti-CTDSP1 / SCP1 Antibody (aa1-50) - 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

Anti-CTDSP1 / SCP1 Antibody (aa1-50) - 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](#)

Anti-CTDSP1 / SCP1 Antibody (aa1-50) - Images