

Rabbit anti-Human CTDSP1 Polyclonal Antibody | anti-CTDSP1 antibody

CTDSP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301679	Rabbit	Human	Immunohistochemistry, Western Blot

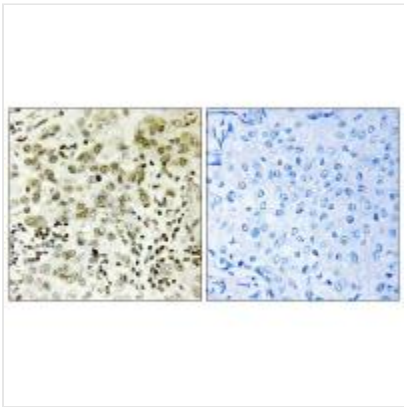
PRODUCT SYNONYMS

CTDSP1; Polyclonal Antibody; CTDSP1 Antibody; Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 1; EC 3.1.3.16; Nuclear LIM interactor-interacting factor 3; NLI-interacting factor 3; NLI-IF; anti-CTDSP1 antibody

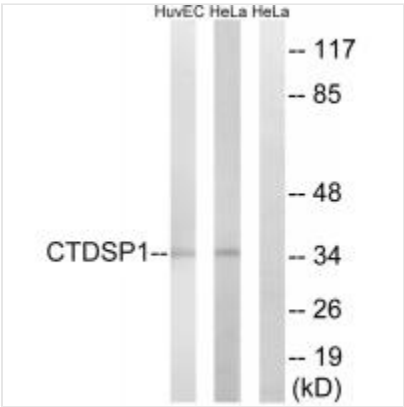
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total CTDSP1 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	260
Applicable Applications for anti-CTDSP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from N-terminal of human CTDSP1.
Target Name	CTDSP1
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using CTDSP1 antibody.



WB (Western Blot)
Western blot analysis of extracts from HUVEC cells and HeLa cells, using CTDSP1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CTDSP1 antibody	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.Marquet S., Mamm. Genome 11:755-762(2000).Yeo M., J. Biol. Chem. 278:26078-26085(2003).Hillier L.W., Nature 434:724-731(2005)
Product Categories/Family for anti-CTDSP1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	332308973
NCBI GeneID	58190
NCBI Accession #	NP_001193807.1
NCBI GenBank Nucleotide #	NM_001206878.1
UniProt Accession #	Q9GZU7; Q7Z5Q3; Q7Z5Q4; C9IYG0
Molecular Weight	29,128 Da
NCBI Official Full Name	carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 1 isoform 3
NCBI Official Synonym Full Names	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1
NCBI Official Symbol	CTDSP1
NCBI Official Synonym Symbols	NIF3; SCP1; NLIIF; NLI-IF
NCBI Protein Information	carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 1
UniProt Protein Name	Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 1
UniProt Gene Name	CTDSP1
UniProt Synonym Gene Names	NIF3; NLIIF; SCP1; NLI-IF; NLI-interacting factor 3; SCP1; Small CTD phosphatase 1
UniProt Entry Name	CTDS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ctdsp1-antibody-immunohistochemistry-western-blot-elisa/301679>