

Rabbit CTDSP2 Polyclonal Antibody | anti-CTDSP2 antibody

CTDSP2 Antibody

CATALOG # AAA225251	HOST Rabbit	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CTDSP2; Polyclonal Antibody; CTDSP2 Antibody; Affinity Purified Rabbit Polyclonal CTDSP2 Antibody; Polyclonal CTDSP2 antibody; Anti-CTDSP2 antibody; CTDSP 2 antibody; CTDSP2 antibody; PSR2 antibody; CTDSP-2; CTDSP-2 antibody; carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 2 antibody; SCP2 antibody; protein OS-4 antibody; NLI-interacting factor 2 antibody; conserved gene amplified in osteosarcoma antibody; CTDSP 2; OS4 antibody; nuclear LIM interactor-interacting factor 2 antibody; anti-CTDSP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen-Affinity Chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.96 mg/ml (varies by lot)
Sequence Length	271
Applicable Applications for anti-CTDSP2 antibody	WB (Western Blot)
Immunogen	CTDSP2 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 26 and 271 of CTDSP2
Cross-Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: 293T) using a 12% SDS PAGE gel and CTDSP2 antibody at a dilution of 1:1000


WB (Western Blot)

Western blot analysis of 50 ug of whole cell lysate (A: Mouse brain) using a 12% SDS PAGE gel and CTDSP2 antibody at a dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-CTDSP2 antibody

Preferentially catalyzes the dephosphorylation of 'Ser-5' within the tandem 7 residues 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. May contribute to the development of sarcomas.

Product Categories/Family for anti-CTDSP2 antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	93004102
NCBI GeneID	10106
NCBI GenBank Nucleotide #	NP_005721.3
UniProt Accession #	O14595
Molecular Weight	31 kDa
NCBI Official Full Name	carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 2
NCBI Official Synonym Full Names	CTD small phosphatase 2
NCBI Official Symbol	CTDSP2
NCBI Official Synonym Symbols	OS4; PSR2; SCP2
NCBI Protein Information	carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 2
UniProt Protein Name	Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 2
UniProt Gene Name	CTDSP2
UniProt Synonym Gene Names	NIF2; OS4; SCP2; NLI-interacting factor 2; SCP2
UniProt Entry Name	CTDS2_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/ctdsp2-antibody-western-blot-elisa/225251>