

Rabbit anti-Human, mouse CTDSP2 Polyclonal Antibody | anti-CTDSP2 antibody

CTDSP2 Antibody (N-term)

CATALOG # AAA287351	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

CTDSP2; Polyclonal Antibody; CTDSP2 Antibody (N-term); Carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 2; Nuclear LIM interactor-interacting factor 2; NLI-interacting factor 2; Protein OS-4; Small C-terminal domain phosphatase 2; Small CTD phosphatase 2; SCP2; NIF2; OS4; anti-CTDSP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CTDSP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-42 amino acids from the N-terminal region of human CTDSP2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	12-42
Sequence Length	271
Applicable Applications for anti-CTDSP2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with CTDSP2 Antibody (N-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

**WB (Western Blot)**

Western blot analysis of anti-CTDSP2 Antibody (N-term) in HepG2 cell line lysates (35ug/lane). hCTDSP2-S27(arrow) was detected using the purified Pab.

**WB (Western Blot)**

Western blot analysis of anti-CTDSP2 Antibody (N-term) in mouse lung tissue lysates (35ug/lane). CTDSP2(arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CTDSP2 antibody	CTDSP2 is one of several small CTD phosphatases (SCP). It has been proposed that SCP activity is an evolutionarily conserved transcriptional regulator that acts globally to silence neuronal genes. In addition, expression of phosphatase CTDSP2 mRNA is enhanced in several cancer cell lines with amplification of the CTDSP2 and CDK4 genes, and CTDSP2 coamplifies with CDK4 in some primary sarcomas. CTDSP2 may contribute to the development of a subset of sarcomas.
Product Categories/Family for anti-CTDSP2 antibody	Cancer ; Signal Transduction
References	Yeo, M., et al., J. Biol. Chem. 278(28):26078-26085 (2003). Su, Y.A., et al., Oncogene 15(11):1289-1294 (1997). Beutler, E., et al., Blood Cells Mol. Dis. 21(3):207-216 (1995). Su, Y.A., et al., Proc. Natl. Acad. Sci. U.S.A. 91(19):9121-9125 (1994). Su, Y.A., et al., Oncogene 15, 1290-1294 (1997) (): ().

NCBI AND UNIPROT INFORMATION

NCBI GI #	93004102
NCBI GeneID	10106
NCBI Accession #	NP_005721.3
NCBI GenBank Nucleotide #	NM_005730.3
UniProt Accession #	O14595 ; Q53ZR2 ; Q6NZY3 ; Q9UEX1 ; A8K5H4
Molecular Weight	30664
NCBI Official Full Name	carboxy-terminal domain RNA polymerase II polypeptide A small phosphatase 2
NCBI Official Synonym Full Names	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) 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-immunohistochemistry-western-blot-elisa/287351>