

For Research Use Only

CTDSP1 Polyclonal antibody, PBS Only

Catalog Number:10952-1-PBS

Featured Product



Basic Information

Catalog Number:

10952-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1410

GenBank Accession Number:

BC012977

GeneID (NCBI):

58190

UNIPROT ID:

Q9GZU7

Full Name:

CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 1

Calculated MW:

29 kDa

Observed MW:

29-33 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

CTDSP1 also named as NIF3, NLIIF, or SCP1, is a 261 amino acid protein, which contains one FCP1 homology domain. CTDSP1 localizes in the nucleus and colocalizes with RNA polymerase II. CTDSP1 is expressed in non-neuronal tissues. It is highly expressed in skeletal muscle, spleen, lung and placenta. CTDSP1 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 POLR2.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10952-1-AP (CTDSP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10952-1-PBS in a different storage buffer formulation.