

## anti- CTDSP2 antibody

### Product Information

Catalog No.:	FNab02051
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

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. May contribute to the development of sarcomas.

### Immunogen information

Immunogen:	CTD(carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2
Synonyms:	NIF2, OS4, SCP2
Observed MW:	31 kDa
UniprotID :	O14595

### Application

Reactivity:	Human
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### Wuhan Fine Biotech Co., Ltd.

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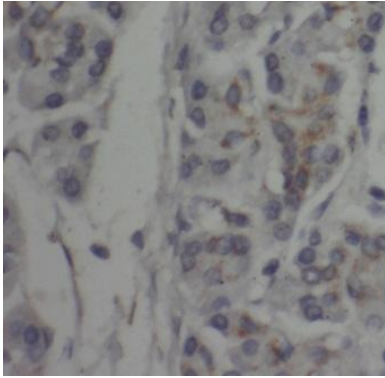
Tel : (0086)027-87384275

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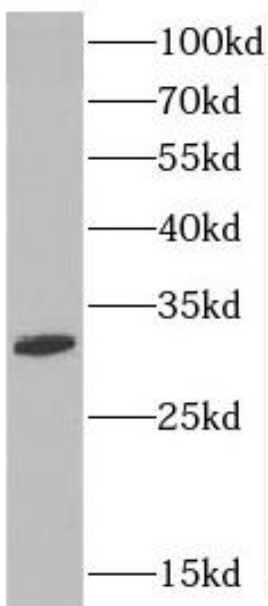
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human pancreas cancer using FNab02051(CTDSP2 antibody) at dilution of 1:50



human kidney tissue were subjected to SDS PAGE followed by western blot with FNab02051(CTDSP2 antibody) at dilution of 1:400

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