Datasheet for ABIN6988362

anti-CTDSP2 antibody (AA 25-150) (PE)

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Overview

Quantity:	100 µL
Target:	CTDSP2
Binding Specificity:	AA 25-150
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CTDSP2 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CTDSP2
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CTDSP2
Alternative Name:	CTDSP2 (CTDSP2 Products)
Background:	Synonyms: OS4, PSR2, SCP2, Carboxy-terminal domain RNA polymerase II polypeptide A small

Target Details

	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, CTDSP2, NIF2 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.
Gene ID:	10106
UniProt:	O14595
Pathways:	ER-Nucleus Signaling

Application Details

Application Notes:	FCM 1:20-100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months