

CDC14B antibody

Product Information

Catalog No.:	FNab01516
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

Dual-specificity phosphatase involved in DNA damage response. Essential regulator of the G2 DNA damage checkpoint: following DNA damage, translocates to the nucleus and dephosphorylates FZR1/CDH1, a key activator of the anaphase promoting complex/cyclosome(APC/C). Dephosphorylates SIRT2 around early anaphase. Dephosphorylation of FZR1/CDH1 activates the APC/C, leading to the ubiquitination of PLK1, preventing entry into mitosis. Preferentially dephosphorylates proteins modified by proline-directed kinases.

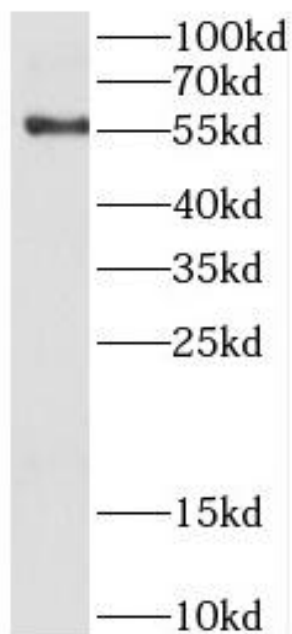
Immunogen information

Immunogen:	CDC14 cell division cycle 14 homolog B
Synonyms:	Dual specificity protein phosphatase CDC14B CDC14 cell division cycle 14 homolog B CDC14B
Observed MW:	56 kDa
Uniprot ID :	O60729

Application

Reactivity:	Human
Tested Application:	ELISA, WB
Recommended dilution: WB:	1:500-1:2000

Image:



SMMC-7721 cells were subjected to SDS PAGE followed by western blot with FNab01516(CDC14B Antibody) at dilution of 1:300