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Datasheet for ABIN7112534 anti-CDC14B antibody

Overview

Quantity:	100 µg
Target:	CDC14B
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC14B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	CDC14 cell division cycle 14 homolog B(<i>S. cerevisiae</i>)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CDC14B
Alternative Name:	CDC14B (CDC14B Products)
Background:	Synonyms: 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.

Target Details

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.

Molecular Weight: 56 kDa

Gene ID: 8555

UniProt: [O60729](#)

Application Details

Application Notes: WB: 1:500-1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months