

Datasheet for ABIN5515888 **anti-CDC14B antibody (N-Term)**

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Overview

Quantity:	100 µL
Target:	CDC14B
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC14B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CDC14B
Sequence:	RCSSTSPGVK KIRSSTQQDP RRRDPQDDVY LDITDRLCFA ILYSRPKSAS
Purification:	Affinity purified

Target Details

Target:	CDC14B
Alternative Name:	CDC14B (CDC14B Products)
Background:	The protein encoded by this gene is a member of the dual specificity protein tyrosine phosphatase family. This protein is highly similar to <i>Saccharomyces cerevisiae</i> Cdc14, a protein tyrosine phosphatase involved in the exit of cell mitosis and initiation of DNA replication, which

Target Details

suggests the role in cell cycle control. This protein has been shown to interact with and dephosphorylates tumor suppressor protein p53, and is thought to regulate the function of p53. Alternative splice of this gene results in 3 transcript variants encoding distinct isoforms.

Alias Symbols: CDC14B3, Cdc14B1, Cdc14B2, hCDC14B

Protein Size: 459

Gene ID:	8555
NCBI Accession:	NM_001077181 , NP_001070649

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.