

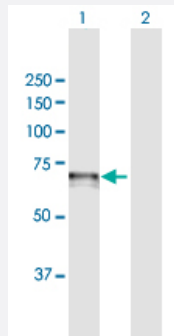
MaxPab®

CDC14A purified MaxPab mouse polyclonal antibody (B02P)

Catalog # H00008556-B02P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CDC14A expression in transfected 293T cell line ([H00008556-T03](#)) by CDC14A MaxPab polyclonal antibody.

Lane 1: CDC14A transfected lysate(66.60 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CDC14A protein.
Immunogen	CDC14A (NP_003663.2, 1 a.a. ~ 594 a.a) full-length human protein.
Sequence	MAAESGELIGACEFMKDRLYFATLRNRPKSTVNTHYFSIDEELVYENFYADFGPLNLMVYRYCCK LNKKLKSYSLSRKKIVHYTCFDQRKRANAFLIGAYAVIYLKKTPEEAYRALLSGSNPPYLPFRDAS FGNCTYNLTILDCLQGIRKGLQHGFDFETFDVDEYEHYERVENGDFNWVPGKFLAFSGPHPKSK IENTGYPLHAPEAYFPYFKKHNVTAVVRLNKKIYEAKRFTDAGFEHYDLFFIDGSTPSDNIVRRFLNIC ENTEGAIAVHCKAGLGRTGTLIACYVMKHYRFTAEIIAWIRICRPGSIIGPQQHFLEEKQASLWVQG DIFRSKLKNRPSSEGSINKILSGLDDMSIGGNLSKTQNMERFGEDNLEDDDVEMKNGITQGDKLRA LKSQRQPRTSPSCAFRSDDTKGHPRAVSQPFRLSSSLQGSAVTLKTSKMALSPSATAKRINRTSL SSGATVRSFSINSRLASSLGNLNAATDDPENKKTSSSSKAGFTASPFTNLLNGSSQPTRNYPEL NNNQYNRSSNSNGGNLNSPPGPHSAKTEEHTILRPSYTGLSSSSARFLSRISPSLQSEYVHY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CDC14A expression in transfected 293T cell line ([H00008556-T03](#)) by CDC14A MaxPab polyclonal antibody.

Lane 1: CDC14A transfected lysate(66.60 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — CDC14A

Entrez GeneID

[8556](#)

GeneBank Accession#

[NM_003672](#)

Protein Accession#

[NP_003663.2](#)

Gene Name

CDC14A

Gene Alias

cdc14, hCDC14

Gene Description

CDC14 cell division cycle 14 homolog A (S. cerevisiae)

Omim ID

[603504](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a member of the dual specificity protein tyrosine phosphatase family. It is highly similar to *Saccharomyces cerevisiae* Cdc14, a protein tyrosine phosphatase involved in the exit of cell mitosis and initiation of DNA replication, suggesting a role in cell cycle control. This protein has been shown to interact with, and dephosphorylate tumor suppressor protein p53, and is thought to regulate the function of p53. Alternative splicing of this gene results in several transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations

CDC10 (cell division cycle 10, S. cerevisiae, homolog)|CDC14 homolog A|OTTHUMP00000012653|OTTHUMP00000012654|OTTHUMP00000012655|dual specificity protein phosphatase CDC14A

Pathway

- [Cell cycle](#)

Disease

- [Colorectal Neoplasms](#)
- [Microsatellite Instability](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)