

DNAPab

Hard-to-Find  
Antibody

# CDC14B DNAPab

Catalog # H00008555-W01P

Size 200 ug

## Specification

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a full-length human CDC14B DNA using DNAX™ Immune technology.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Technology              | <a href="#">DNAX™ Immune</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Immunogen               | Full-length human DNA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sequence                | <p> MKRKSERRSSWAAAPPCSRRCSTSPGVKKIRSSTQQDPRRRDPQDDVYLDITDRLCFAILYSR<br/> PKSASNVHYFSIDNELEYENFYADFGPLNLAMVYRYCCKINKKLKSITMLRKKIVHFTGSDQRKQAN<br/> AAFLVGCYMYLGRTPEEAYRILIFGETSYIPFRDAAYGSCNFYITLLDCFHAVKKAMQYGFNFNS<br/> FNLDEYEHYEKAENGLNWIIIPDRFIAFCGPHSRARLESGYHQHSPETYIQYFKNHNVTTIIRLNKRM<br/> YDAKRFTDAGFDHHDLFADGSTPTDAIKEFLDICENAEGAIAVHCKAGLGRTGTLIACYMKHYR<br/> MTAAETIAWVRICRPGSVIGPQQQLVMKQTNLWLEGDYFRQKLKGQENGQHRAAFSLKSGVD<br/> DISINGVENQDQEQPEPYSDDEINGVTQGDRLRALKSRRQSKTNAIPLTDGWLSQAVTFLDRLLI<br/> WLGHKD </p> |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purification            | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

## Gene Info — CDC14B

Entrez GeneID [8555](#)

GeneBank Accession# [ENST00000265659](#)

Protein Accession# [ENSP00000265659](#)

Gene Name CDC14B

Gene Alias CDC14B3, Cdc14B1, Cdc14B2, hCDC14B

Gene Description CDC14 cell division cycle 14 homolog B (S. cerevisiae)

Omim ID [603505](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a member of the dual specificity protein tyrosine phosphatase family. This protein is highly similar to *Saccharomyces cerevisiae* Cdc14, a protein tyrosine phosphatase involved in the exit of cell mitosis and initiation of DNA replication, which 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. [provided by RefSeq]

**Other Designations** CDC14 homolog B|OTTHUMP00000021729|OTTHUMP00000021730|OTTHUMP00000063774

## Pathway

- [Cell cycle](#)