

**Anti-CDC14A Antibody**  
**Rabbit polyclonal antibody to CDC14A**  
**Catalog # AP61024****Specification**

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**Anti-CDC14A Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O9UNH5</a>
Other Accession	<a href="#">Q6GQT0</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66574

**Anti-CDC14A Antibody - Additional Information****Gene ID** 8556**Other Names**

Dual specificity protein phosphatase CDC14A; CDC14 cell division cycle 14 homolog A

**Target/Specificity**

Recognizes endogenous levels of CDC14A protein.

**Dilution**

WB~~WB (1/500 - 1/1000)

**Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-CDC14A Antibody - Protein Information****Name** CDC14A**Function**

Dual-specificity phosphatase. Required for centrosome separation and productive cytokinesis during cell division. Dephosphorylates SIRT2 around early anaphase. May dephosphorylate the APC subunit FZR1/CDH1, thereby promoting APC-FZR1 dependent degradation of mitotic cyclins and subsequent exit from mitosis. Required for normal hearing (PubMed:<a href="http://www.uniprot.org/citations/29293958" target="\_blank">29293958</a>).

**Cellular Location**

Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle pole. Cytoplasm, cytoskeleton, spindle. Cell projection, kinocilium

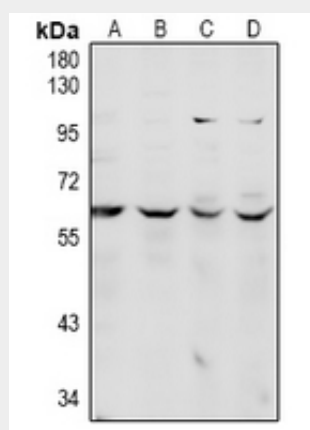
{ECO:0000250|UniProtKB:Q6GQT0}. Cell projection, stereocilium {ECO:0000250|UniProtKB:Q6GQT0}. Note=Centrosomal during interphase, released into the cytoplasm at the onset of mitosis. Subsequently localizes to the mitotic spindle pole and at the central spindle (PubMed:12134069, PubMed:11901424, PubMed:15263015). Present along both the transient kinocilia of developing cochlear hair cells and the persistent kinocilia of vestibular hair cells (By similarity) {ECO:0000250|UniProtKB:Q6GQT0, ECO:0000269|PubMed:11901424, ECO:0000269|PubMed:12134069, ECO:0000269|PubMed:15263015}

### Anti-CDC14A Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Anti-CDC14A Antibody - Images



Western blot analysis of CDC14A expression in C6 (A), MEF (B), K562 (C), HEK293T (D) whole cell lysates.

### Anti-CDC14A Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CDC14A. The exact sequence is proprietary.