

**Cdc14 Antibody Blocking peptide**  
Catalog # BP8440a**Specification**

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**Cdc14 Antibody Blocking peptide - Product Information**Primary Accession [O9UNH5](#)**Cdc14 Antibody Blocking peptide - Additional Information**

Gene ID 8556

**Other Names**Dual specificity protein phosphatase  
CDC14A, 3.1.3.16, 3.1.3.48, CDC14 cell  
division cycle 14 homolog A, CDC14A**Format**Peptides are lyophilized in a solid powder  
format. Peptides can be reconstituted in  
solution using the appropriate buffer as  
needed.**Storage**Maintain refrigerated at 2-8°C for up to 6  
months. For long term storage store at  
-20°C.**Precautions**This product is for research use only. Not  
for use in diagnostic or therapeutic  
procedures.**Cdc14 Antibody Blocking peptide - 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/29293">ef="http://www.uniprot.org/citations/29293

958" 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}

#### **Cdc14 Antibody Blocking peptide - Protocols**

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

- [Blocking Peptides](#)