

## Product datasheet for **TA358687**

### CDC14A Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat <b>Homology:</b> Cow: 100%; Dog: 87%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 86%; Rabbit: 93%; Rat: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	66kDa
Gene Name:	cell division cycle 14A
Database Link:	<a href="#">NP_003663</a> <a href="#">Entrez Gene 8556 Human</a> <a href="#">Q9UNH5</a>
Background:	The protein encoded by this gene is a member of the dual specificity protein tyrosine phosphatase family. It 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, 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.



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**Synonyms:** cdc14; Cdc14A1; Cdc14A2; hCDC14  
**Protein Families:** Druggable Genome, Phosphatase  
**Protein Pathways:** Cell cycle

**Product images:**

WB Suggested Anti-CDC14A Antibody  
Titration: 1.0 ug/ml  
Positive Control: RPMI-8226 Whole Cell  
CDC14A is strongly supported by BioGPS gene expression data to be expressed in Human RPMI-8226 cells