
MATERIAL DATA SHEET

UbcH3/Cdc34 Polyclonal Ab**Cat. # A-610**

UbcH3 plays an essential role in the progression of cells from the G1 to S phase of the cell division cycle. One pathway (requiring Cdc34) initiates DNA replication by degrading a CDK (cyclin-dependent kinase) inhibitor. The second pathway, involves the anaphase-promoting complex (APC) which initiates chromosome segregation and exit from mitosis by degrading anaphase inhibitors and mitotic cyclins.

Product Information

Quantity:	200 µl
Source:	Protein A affinity purified rabbit polyclonal antibody.
Antigen:	Full-length, highly purified human UbcH3 protein.
Stock:	PBS pH 7.4, 20% glycerol.

Use & Storage

Specificity:	Recommended dilution range for Western blot analysis is 1:100 to 1:1000.
Storage:	Store unopened vial at -80°C. Avoid repeated freeze-thaw cycles. Aliquot antibody in small volumes prior to freezing.

Literature

References:	Goebel M.G., <i>et al.</i> (1988) <i>Science</i> 241 :1331-1335
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	Plon S.E., <i>et al.</i> (1993) <i>Proc. Natl. Acad. Sci.</i> 90 :10484-10488
	Ptak C., <i>et al.</i> (1994) <i>J. Biol. Chem.</i> 269 :26539-26545
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	Varelas X., <i>et al.</i> (2003) <i>Mol. Cell. Biol.</i> 23 :5388-5400

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