



# CdcA3 rabbit pAb

**NB-66-02877-100μL**

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**Cat No.:NB-66-02877-100μL**

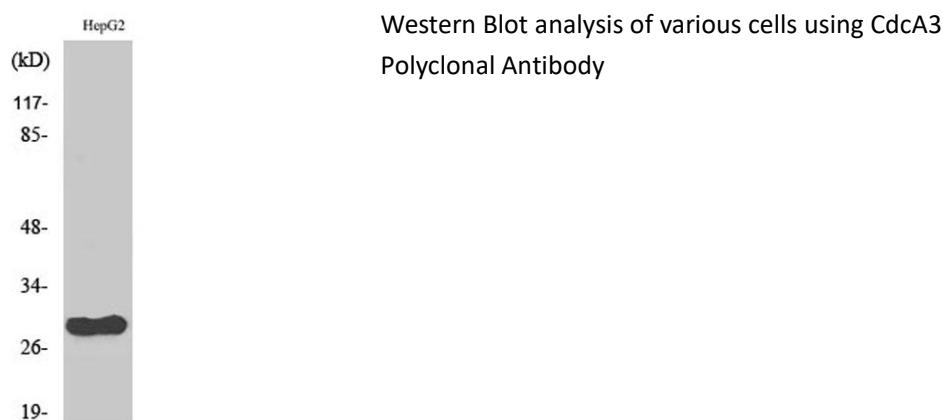
**For research use only**

## Overview

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<b>Product Name</b>	CdcA3 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human CDCA3. AA range:219-268
<b>Specificity</b>	CdcA3 Polyclonal Antibody detects endogenous levels of CdcA3 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Cell division cycle-associated protein 3
<b>Gene Name</b>	CDCA3
<b>Cellular localization</b>	Cytoplasm, cytosol .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	28kD
<b>Human Gene ID</b>	83461
<b>Human Swiss-Prot Number</b>	Q99618
<b>Alternative Names</b>	CDCA3; C8; GRCC8; TOME1; Cell division cycle-associated protein 3; Gene-rich cluster protein C8; Trigger of mitotic entry protein 1; TOME-1
<b>Background</b>	domain: The KEN box is required for the association with the APC/C-Cdh1 complex., function: F-box-like protein which is required for entry into mitosis. Acts

by participating to E3 ligase complexes that mediate the ubiquitination and degradation of WEE1 kinase at G2/M phase.,pathway:Protein modification; protein ubiquitination.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,PTM:Ubiquitinated and degraded by the APC/C-Cdh1 complex.,subunit:Interacts with SKP1A. Part of a SCF (SKP1-cullin-F-box) protein ligase complex.,



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using CDCA3 Antibody. The picture on the right is blocked with the synthesized peptide.

