

Datasheet for ABIN3021793  
**anti-CDC20 antibody (AA 1-270)**



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3 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	CDC20
Binding Specificity:	AA 1-270
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC20 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human CDC20 (NP_001246.2).
Sequence:	MAQFAFESDL HSLQLDAPL PNAPPARWQR KAKEAAGPAP SPMRAANRSH SAGRTPGRTP GKSSSKVQTT PSKPGGDRIYI PHRSAAQMEV ASFLLSKENQ PENSQTPTKK EHQAALNL NGFDVEEAKI LRLSGKPQNA PEGYQNRLLKLV LYSQKATPGS SRKTCRYIPS LPDRILDAPE IRNDYYLNLV DWSSGNVLAV ALDNSVYLWS ASSGDILQLL QMEQPGEYIS SVAWIKEGNY LAVGTSSAEV QLWDVQQQKR LRNMTSHSAR
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

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Target:	CDC20
Alternative Name:	CDC20 ( <a href="#">CDC20 Products</a> )
Background:	CDC20 appears to act as a regulatory protein interacting with several other proteins at multiple points in the cell cycle. It is required for two microtubule-dependent processes, nuclear movement prior to anaphase and chromosome separation.,CDC20,CDC20A,bA276H19.3,p55CDC,Cell Biology & Developmental Biology,Ubiquitin,Ubiquitin-Proteasome Signaling Pathway,CDC20
Molecular Weight:	54 kDa
Gene ID:	991
UniProt:	<a href="#">Q12834</a>

## Application Details

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Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

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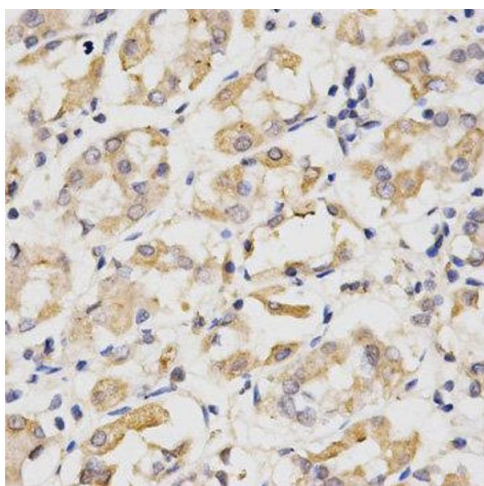
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

## Publications

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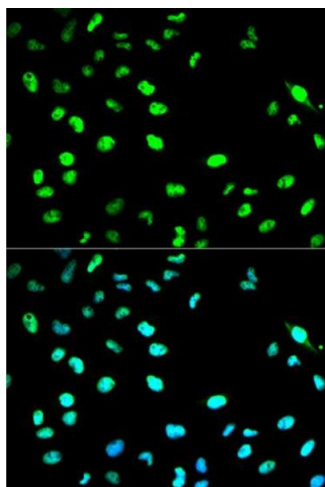
Product cited in:	Cheng, Zhu, Han, Zhang, Cui, Shen, Zhang, Yan, Prochownik, Li: "MicroRNA-148a deficiency promotes hepatic lipid metabolism and hepatocarcinogenesis in mice." in: <b>Cell death &amp; disease</b> , Vol. 8, Issue 7, pp. e2916, (2018) ( <a href="#">PubMed</a> ).
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Li, Xia, Xiong, Wang, Yan: "Effects of sepsis on the metabolism of sphingomyelin and cholesterol in mice with liver dysfunction." in: **Experimental and therapeutic medicine**, Vol. 14, Issue 6, pp. 5635-5640, (2017) ([PubMed](#)).



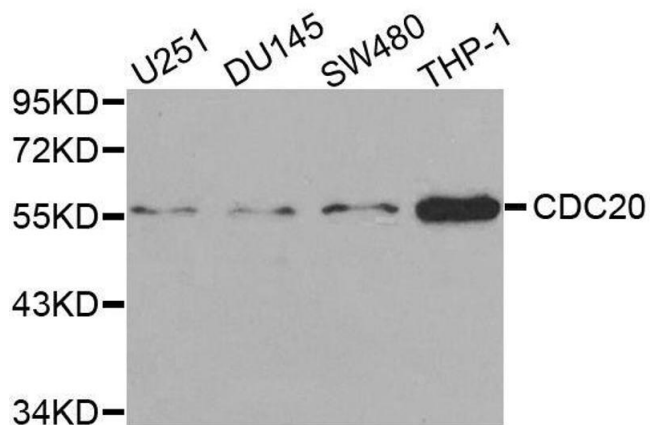
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human stomach using CDC20 antibody at dilution of 1:200 (x400 lens)



#### Immunofluorescence

**Image 2.** Immunofluorescence analysis of HeLa cell using CDC20 antibody. Blue: DAPI for nuclear staining.



#### Western Blotting

**Image 3.** Western blot analysis of extracts of various cell lines, using CDC20 antibody.