

Datasheet for ABIN2781488  
**anti-CDC27 antibody (Middle Region)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	CDC27
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDC27 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human CDC27
Sequence:	KLKMKFPPKI PNRKTKSKTN KGGITQPNIN DSLEITKLDS SIISEGKIST
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CDC27. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	CDC27
Alternative Name:	CDC27 ( <a href="#">CDC27 Products</a> )

## Target Details

Background:	<p>The protein encoded by this gene shares strong similarity with <i>Saccharomyces cerevisiae</i> protein Cdc27, and the gene product of <i>Schizosaccharomyces pombe</i> nuc 2. This protein is a component of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved in eucaryotic cells. APC catalyzes the formation of cyclin B-ubiquitin conjugate that is responsible for the ubiquitin-mediated proteolysis of B-type cyclins. This protein and 3 other members of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important for protein-protein interaction. This protein was shown to interact with mitotic checkpoint proteins including Mad2, p55CDC and BUBR1, and thus may be involved in controlling the timing of mitosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: APC3, CDC27Hs, D0S1430E, D17S978E, HNUC, NUC2, ANAPC3</p> <p>Protein Interaction Partner: ANAPC2, UBE2S, PTTG1, FBXO43, MAD2L1, COMT, CDC20, CCNB1, BUB1B, UBC, BIRC6, ANAPC4, CDH1, FZR1, MIB1, HECW2, ANAPC11, PHF8, CUEDC2, Sirt2, Dlg4, GKN1, ANAPC7, ANAPC5, DCPS, ADNP, MDC1, PTEN, TRIM33, REV1, ANAPC15, VCP, MAD2L2, NOTCH1, PAXIP1, UBE4B, TTK,</p> <p>Protein Size: 824</p>
Molecular Weight:	92 kDa
Gene ID:	996
NCBI Accession:	<a href="#">NM_001256</a> , <a href="#">NP_001247</a>
UniProt:	<a href="#">P30260</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 824 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

## Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

## Images



### Western Blotting

**Image 1.** WB Suggested Anti-CDC27 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: NCI-H226 cell lysate. CDC27 is strongly supported by BioGPS gene expression data to be expressed in NCI-H226

### Western Blotting

**Image 2.** WB Suggested Anti-CDC27 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500 Positive Control: NCI-H226 cell lysate. CDC27 is strongly supported by BioGPS gene expression data to be expressed in NCI-H226