

DNAxPAb

Hard-to-Find
Antibody

CDC27 DNAxPab

Catalog # H00000996-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human CDC27 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MTVLQEPVQAAMWQALNHYAYRDAVFLAERLYAEVHSEEALFLLATCYRSGKAYKAYRLLKGHS
CTTPQCKYLLAKCCVDLSKLAEGEQILSGGVFNKQKSHDDVTEFGDSACFTLSLLGHVYCKTDR
LAKGSECYQKSLSLNPFWSFESLCEIGKEKPDQTFKFTSLQNFNSCLPNSCTTQVFNHLSLH
RQPETVLTEPQDTIELNRLNLESSNSKYSLNTDSSVSIDSAVISPDTPVPLGTGTSILSKQVQNKPK
TGRSLLGGPAALSPLTPSFGILPLETPSPGDGSLQNYTNTPPVIDVPSTGAPSKKTFRVLQSVARI
GQTGTKSVFSQSGNSREVTPILAQTQSSGPQTSTTPQVLSPTITSPNALPRSSRLFTSDSSTTK
ENSKKLKMKFPPEIPNRKTKSKTNKGGITQPNINDSLEITKLDSSIIEGKISTITPQIQAFNLQKAAAE
GLMSLLREMGKGYLALCSYNCKEAINLSHLPSHHYNTGWVLCQIGRAYFELSEYMQAERIFSEVR
RIENYRVEGMEYSTTLWHLQKDVALSVLSKDLTMDKNSPEAWCAAGNCFSLQREHDAIKFFQ
RAIQVDPNYAYAYTLGHEFVLTEELDKALACFRNAIRVNPVRHYNWYGLGMIYKQEKFLAEMH
FQKALDINPQSSVLLCHIGVVQHALKKSEKALDTLNKAMIDPKNPLCKFHRASVLFANEKYKSALQ
ELEELKQVPKESLVYFLIGKVYKKGQTHLALMNFWSAMDLDPKGANNQKEAIDKRYLPDDEEPI
TQEEQIMGTDESQESSMTDADDTQLHAAESDEF

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CDC27

Entrez GeneID [996](#)

GeneBank Accession# [BC011656](#)

Protein Accession# [no protein_acc](#)

Gene Name CDC27

Gene Alias APC3, CDC27Hs, D0S1430E, D17S978E, HNUC

Gene Description cell division cycle 27 homolog (S. cerevisiae)

Omim ID [116946](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene shares strong similarity with *Saccharomyces cerevisiae* protein Cdc27, and the gene product of *Schizosaccharomyces pombe* 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. [provided by RefSeq]

Other Designations anaphase-promoting complex, protein 3|cell division cycle protein 27|nuc2 homolog

Pathway

- [Cell cycle](#)
- [Ubiquitin mediated proteolysis](#)