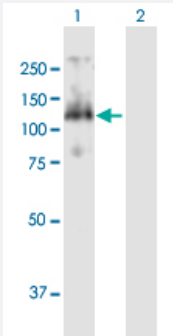


MaxPab®

CDC27 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000996-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CDC27 expression in transfected 293T cell line ([H00000996-T01](#)) by CDC27 MaxPab polyclonal antibody.

Lane 1: CDC27 transfected lysate(91.3 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CDC27 protein.
Immunogen	CDC27 (ABM87026.1, 1 a.a. ~ 830 a.a) full-length human protein.
Sequence	MTVLQEPVQAAIWQALNHAYRDAVFLAERLYAEVHSEEALFLLATCYRSGKAYKAYRLLKGHS CTTPQCKYLLAKCCVDLSKLAEGEQILSGGVFNKQKSHDDVTEFGDSACFTLSLLGHVYCKTDR LAKGSECYQKSLSLNPFLWSPFESLCEIGEKPDQTFKFTSLQNFSNCLPNSCTTQVPNHSLSH RQPETVL TETPQDTIELNRLNLESSNSKYSLNTDSSVS YDSAVISPDTVPLGTGTSILSKQVQNKPK TGRSLLGGPAALSPLTPSFGILPLETPSPGDGSYLQNYTNTPPVIDVPSTGAPSKKTFRVLQSVARI GQTGTSVFSQSGNSREVTPILAQTQSSGPQTSTTPQVLSPTITSPNALPRRSSRLFTSDSSTTK ENSKKLKMKFPPEIPNRKTKSKTNKGGITQPNINDSLEITKLDSSIISEGKISTITPQIQAFNLQKAAAE GLMSLLREMGKGYLALCSYNCKEAINLSHLP SHHYNTGWVLCQIGRAYFELSEYMQAERIFSEVR RIENYRVEGMEIYSTTLWHLQKDVALSVLSKDLTDMDKNSPEAWCAAGNCFSLQREHDAIKFFQ RAIQVDPNYAYAYTLLGHEFVLTEELDKALACFRNAIRVNP RHYNAWYGLGMIYKQEKFSLAEMH FQKALDINPQSSVLLCHIGVVQHALKKSEKALDTLNKAMIDPKNPLCKFHRASVLFANEKYKSALQ ELEELKQIVPKESLVYFLIGKVYKKGQTHLALMNF SWAMDLPKGANNQIKEAIDKRYLPDDEEPI TQEEQIMGTDESQESSMTDADDTQLHAAESDEF
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (96); Rat (97)
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)

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[Protocol Download](#)

Gene Info — CDC27

Entrez GeneID	996
GeneBank Accession#	DQ896027.2
Protein Accession#	ABM87026.1
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](#)