

Datasheet

CDC27 polyclonal antibody

Catalog Number: PAB19233

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of CDC27.

Immunogen: A synthetic peptide corresponding to 19 amino acids near C-terminus of human CDC27.

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: ELISA, IHC, WB-Ti
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Peptide affinity purification

Concentration: 1 mg/mL

Recommend Usage: Western Blot (1-2 ug/mL)
Immunohistochemistry (5 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.02% sodium azide)

Storage Instruction: Store at 4°C for three months. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 996

Gene Symbol: CDC27

Gene Alias: APC3, CDC27Hs, D0S1430E, D17S978E, HNUC

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]