

Cdc27 rabbit pAb**Cat#: orb764803 (Manual)**

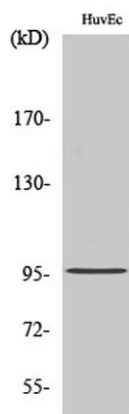
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Product Name	Cdc27 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human H-NUC. AA range:361-410
Specificity	Cdc27 Polyclonal Antibody detects endogenous levels of Cdc27 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cell division cycle protein 27 homolog
Gene Name	CDC27
Cellular localization	Nucleus . Cytoplasm, cytoskeleton, spindle .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

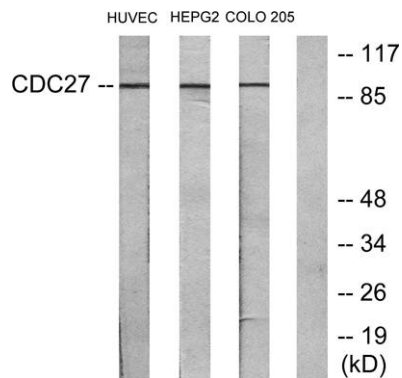
Concentration	1 mg/ml
Observed band	92kD
Human Gene ID	996
Human Swiss-Prot Number	P30260
Alternative Names	CDC27; ANAPC3; D0S1430E; D17S978E; Cell division cycle protein 27 homolog; Anaphase-promoting complex subunit 3; APC3; CDC27 homolog; CDC27Hs; H-NUC

Background

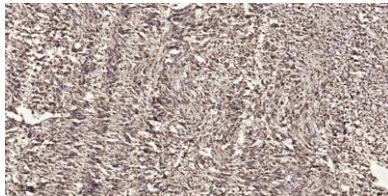
The protein encoded by this gene shares strong similarity with *Saccharomyces cerevisiae* protein *Cdc27*, and the gene product of *Schizosaccharomyces pombe* *nuc 2*. This protein is a component of the anaphase-promoting complex (APC), which is composed of eight protein subunits and is highly conserved in eukaryotic cells. This complex catalyzes the formation of cyclin B-ubiquitin conjugate, which is responsible for the ubiquitin-mediated proteolysis of B-type cyclins. The protein encoded by this gene and three other members of the APC complex contain tetratricopeptide (TPR) repeats, which are important for protein-protein interactions. This protein was shown to interact with mitotic checkpoint proteins including Mad2, p55CDC and BUBR1, and it may thus be involved in controlling the timing of mitosis. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been i



Western Blot analysis of various cells using Cdc27 Polyclonal Antibody



Western blot analysis of lysates from HUVEC, HepG2, and COLO205 cells, using H-NUC Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human small intestinal carcinoma tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:2