



Cdc27 Polyclonal Antibody

Cat No: HR1AP3039

For research use only

Overview

Product Name	Cdc27 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	92kDa
GenID?Human?	CDC27
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CDC27; ANAPC3; D0S1430E; D17S978E; Cell division cycle protein 27 homolog; Anaphase-promoting complex subunit 3; APC3; CDC27 homolog; CDC27Hs; H-NUC
Background	cell division cycle 27(CDC27) Homo sapiens 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 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 identified.