

Cdc27 Polyclonal Antibody

Catalog NumberPA5-20942

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human, Mouse, Rat
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (IHC)	5 µg/mL
Type	Antibody	Western Blot (WB)	1-2 µg/mL
Immunogen	A 19 amino acid peptide near the carboxy terminus of human APC3.	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is mouse liver tissue lysate. PA5-20942 can be used with blocking peptide PEP-1056.

Background/Target Information

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 eukaryotic 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, p53CDC 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.

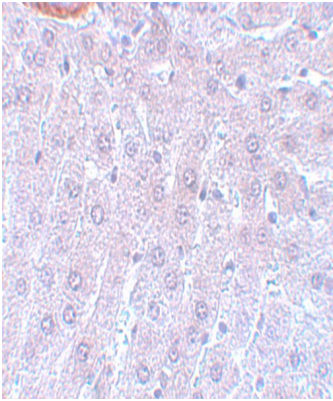
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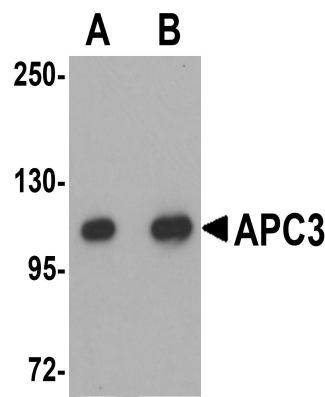
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Product Images For Cdc27 Polyclonal Antibody



Cdc27 Antibody (PA5-20942) in IHC
Immunohistochemistry of APC3 in rat liver tissue with Cdc27 Polyclonal Antibody (Product # PA5-20942) at 5 µg/mL.



Cdc27 Antibody (PA5-20942) in WB
Western Blot analysis of APC3 in mouse liver tissue lysate with Cdc27 Polyclonal Antibody (Product # PA5-20942) at (A) 1 and (B) 2 µg/mL.

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