

CDC27 Polyclonal Antibody

Catalog Number:E-AB-62662

Note: Centrifuge before opening to ensure complete recovery of vial contents.

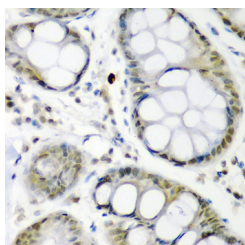
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant fusion protein of human CDC27 (NP_001107563.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

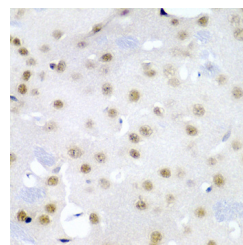
Applications Recommended Dilution

IHC	1:50-1:200
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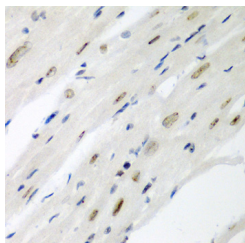
Data



Immunohistochemistry of paraffin-embedded Human colon carcinoma using CDC27 Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using CDC27 Polyclonal Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse heart using CDC27 Polyclonal Antibody at dilution of 1:200 (40x lens).

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

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,

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which are important for protein-protein interactions. This protein was shown to interact with mitotic checkpoint proteins including Mad2, p53CDC 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 on chromosomes 2, 22 and Y.

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