

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

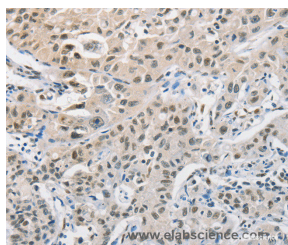
Description

Reactivity	Human,Mouse,Rat
Immunogen	Recombinant protein of human CDC27
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

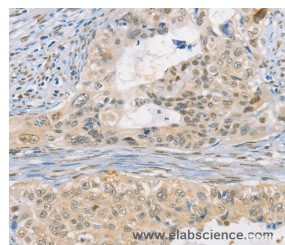
Applications Recommended Dilution

IHC	1:50-1:200
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Data



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using CDC27 Polyclonal Antibody at dilution 1:50



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CDC27 Polyclonal Antibody at dilution 1:50

Preparation & Storage

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