
anti-APC

Cat #: HM1015
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

APC is frequently mutated in patients suffering from familial adenomatous polyposis (FAP) and Gardner's syndrome (GS), which are characterized by numerous adenomatous polyps throughout the entire colon. These polyps invariably progress to colon cancer in addition to other extracolonic manifestations. APC is a ubiquitously expressed protein, 2843 amino acids in length, with a molecular weight of 300 kDa. It has been found to be associated with structural components of intracellular junctions. APC and E-cadherin compete for binding to specific internal regions of both β - and γ -catenin.

SPECIFICITY

This antibody reacts with APC of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry (including paraffin-embedded sections).

Recommended dilution for Western blotting: 1:1000. Molecular Weight of APC: 300 kDa. Western blotting positive control: Jurkat cell lysate.

IMMUNOGEN

Recombinant protein corresponding to the amino terminus of human APC.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

REFERENCES

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