BOSTER BIOLOGICAL TECHNOLOGY
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-APC10 ANAPC10 Antibody

**Catalog Number:** A07065

## About ANAPC10

Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC10 is a highly conserved component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. APC/C is responsible for degrading anaphase inhibitors, mitotic cyclins, and spindle-associated proteins ensuring that events of mitosis take place in proper sequence. The individual APC/C components mRNA and protein levels are expressed at approximately the same levels in most tissues and cell lines, suggesting that they perform their functions as part of a complex. It has been suggested that APC10 plays a role to regulate the binding of specific substrates to the APC/C complex, similar to that of coactivators.

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## Overview

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|---|---|
| Product Name | Anti-APC10 ANAPC10 Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-APC10 ANAPC10 Antibody (Catalog # A07065). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, IF, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | APC10 Antibody is supplied in PBS containing ≤0.09% sodium azide. |
| Storage Instructions | APC10 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Host | Rabbit |
| Uniprot ID | Q9UM13 |

## Technical Details

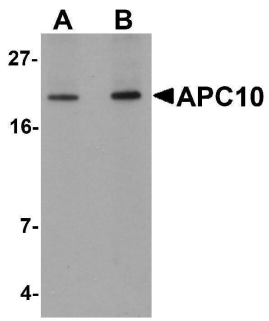
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| Immunogen | APC10 antibody was raised against a 16 amino acid synthetic peptide near the center of human APC10. The immunogen is located within amino acids 60 - 110 of APC10. |

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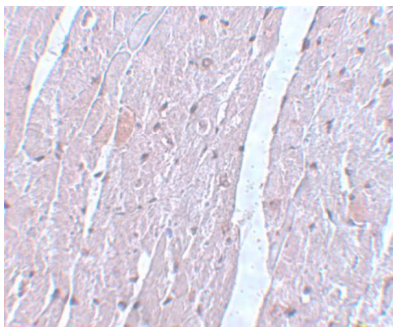
| | |
|---|---|
| Predicted Reactive Species | Bovine |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | APC10 Antibody is affinity chromatography purified via peptide column. |
| Suggested Dilutions | APC10 antibody can be used for detection of APC10 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL.<br>Antibody validated: Western Blot in mouse samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher. |

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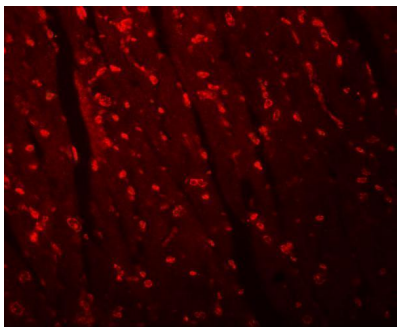
# Anti-APC10 ANAPC10 Antibody (A07065) Images




Western blot analysis of APC10 in mouse heart tissue lysate with APC10 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of APC10 in mouse heart tissue with APC10 antibody at 5 ug/mL.



Immunofluorescence of APC10 in mouse heart tissue with APC10 antibody at 20 ug/mL.

Anti-APC10 ANAPC10 Antibody

For Research Use Only. Not for use in diagnostic procedures.