

Anti-APC3 CDC27 Antibody

Catalog Number: A03905

About CDC27

Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC3, also known as CDC27, a highly conserved component of the anaphase promoting complex/cyclosome (APC/C), is 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. APC3 contains a tetratricopeptide repeat (TPR) region and interacts with mitotic checkpoint proteins including Mad2, p55CDC and BUBR1.

Overview

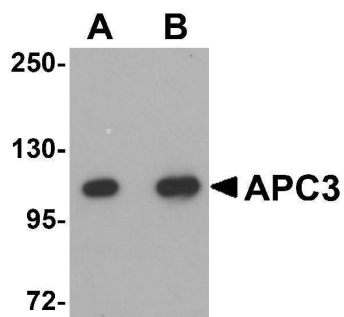
Product Name	Anti-APC3 CDC27 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-APC3 CDC27 Antibody (Catalog # A03905). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	APC3 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	APC3 antibody can be stored at 4°C for three months and -20°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	P30260

Technical Details

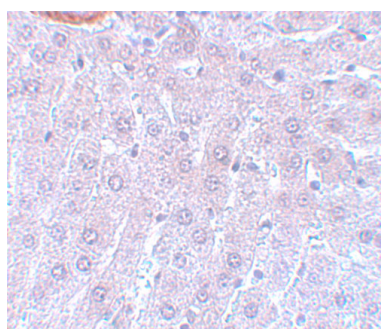
Immunogen	APC3 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human APC3. The immunogen is located within the last 50 amino acids of APC3.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	APC3 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	APC3 antibody can be used for detection of APC3 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL.

Antibody validated: Western Blot in mouse samples and Immunohistochemistry in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-APC3 CDC27 Antibody (A03905) Images



Western blot analysis of APC3 in mouse liver tissue lysate with APC3 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of APC3 in rat liver tissue with APC3 antibody at 5 ug/mL.

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