

Anti-APC8 CDC23 Antibody

Catalog Number: A05798-1

About CDC23

Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC8 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. In *Drosophila*, silencing of APC8 results in developmental delay and pupal lethality with elevated levels of apoptosis, high mitotic index, and delayed or blocked mitosis.

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Overview

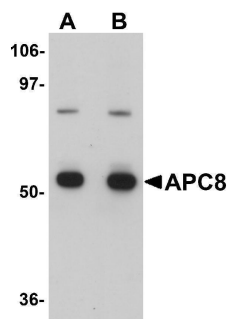
Product Name	Anti-APC8 CDC23 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-APC8 CDC23 Antibody (Catalog # A05798-1). Tested in ELISA, WB, ICC applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, ICC, WB
Clonality	Polyclonal
Formulation	APC8 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	APC8 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	Q9UJX2

Technical Details

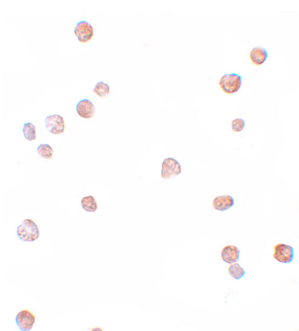
Immunogen	APC8 antibody was raised against a 17 amino acid synthetic peptide near the center of human APC8. The immunogen is located within amino acids 270 - 320 of APC8.
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Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	APC8 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	APC8 antibody can be used for detection of APC8 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunocytochemistry starting at 5 ug/mL. Antibody validated: Western Blot in human samples and Immunocytochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-APC8 CDC23 Antibody (A05798-1) Images



Western blot analysis of APC8 in K562 cell lysate with APC8 antibody at (A) 1 and (B) 2 ug/mL.



Immunocytochemistry of APC8 in K562 cells with APC8 antibody at 5 ug/mL.

[Anti-APC8 CDC23 Antibody](#)

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