BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

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.

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

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 ≤0.09% sodium azide.
Storage Instructions	APC8 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	Q9UJX2

Technical Details

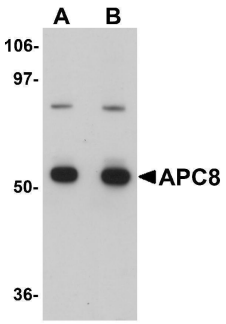
Immunogen	APC8 antibody was raised against a 17 amino acid synthetic peptide near the center of human APC8. The immunogen is located within amino acids 270 - 320 of APC8.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

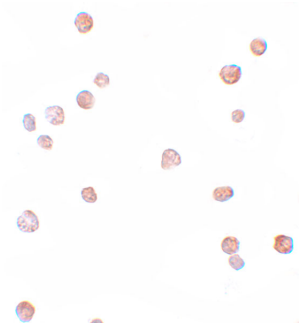
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	APC8 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	APC8 antibody can be used for detection of APC8 by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunocytochemistry 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.

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

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

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