

Anti-APC4 ANAPC4 Antibody

Catalog Number: A06703

About ANAPC4

Cell cycle regulated protein ubiquitination and degradation within subcellular domains is thought to be essential for the normal progression of mitosis. APC4 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. While little is known of APC4, it is thought that APC4 associates with other APC/C components APC1, APC5, and CDC23 interdependently, such that loss of any one subunit reduces binding between the remaining three.

Overview

Product Name	Anti-APC4 ANAPC4 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-APC4 ANAPC4 Antibody (Catalog # A06703). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal
Formulation	APC4 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	APC4 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	Q9UJX5

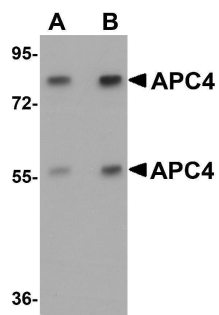
Technical Details

Immunogen	APC4 antibody was raised against a 14 amino acid synthetic peptide near the amino terminus of human APC4. The immunogen is located within amino acids 40 - 90 of APC4.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	APC4 Antibody is affinity chromatography purified via peptide column.

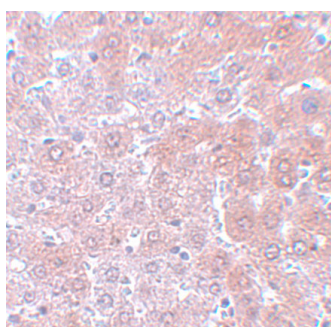
Suggested Dilutions

APC4 antibody can be used for detection of APC4 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-APC4 ANAPC4 Antibody (A06703) Images



Western blot analysis of APC4 in mouse liver tissue lysate with APC4 antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of APC4 in rat liver tissue with APC4 antibody at 5 ug/mL.

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