BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-Cell death regulator Aven Aven Antibody

Catalog Number: A08274-1

About AVEN

Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. Aven is a recently discovered protein that blocks apoptosis induced by Apaf-1 and caspase-9. It is thought that Aven functions by binding to Bcl-xL, an antiapoptotic member of the Bcl-2 family, and to Apaf-1, possibly interfering with the ability of Apaf-1 to self-associate, suggesting that Aven impedes Apaf-1-mediated caspase activation. Higher levels of Aven mRNA are seen in patients with acute leukemia than in control patients, suggesting that Aven may be useful as a prognostic indicator in leukemia patients.

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Overview

Product Name	Anti-Cell death regulator Aven Aven Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cell death regulator Aven Aven Antibody (Catalog # A08274-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Aven Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Aven 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	Q9NQS1

Technical Details

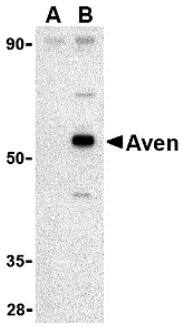
Immunogen	Aven antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human Aven. The immunogen is located within the last 50 amino acids of Aven.
Predicted Reactive Species	Bovine
Isotype	IgG

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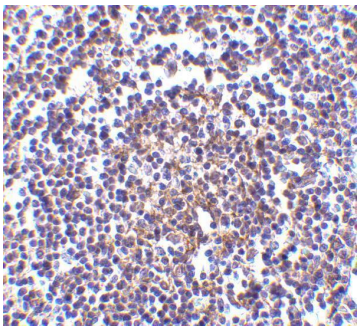
Form	Liquid
Concentration	1 mg/ml
Purification	Aven Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Aven antibody can be used for detection of Aven by Western blot at 1 ug/mL. Despite its predicted molecular weight, Aven often migrates at 55 kDa in SDS-PAGE. Antibody can also be used for immunohistochemistry starting at 5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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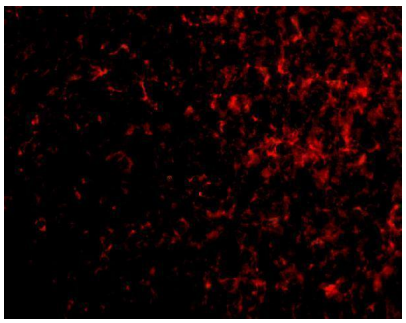
Anti-Cell death regulator Aven Aven Antibody (A08274-1) Images



Western blot analysis of Aven in Raji cell lysate with Aven antibody at 1 ug/mL in (A) the presence and (B) the absence of blocking peptide.



Immunohistochemistry of Aven in human spleen tissue with Aven antibody at 5 ug/mL.



Immunofluorescence of AVEN in Human Spleen cells with AVEN antibody at 20 ug/mL.

Anti-Cell death regulator Aven Aven Antibody

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