

## 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.

### Overview

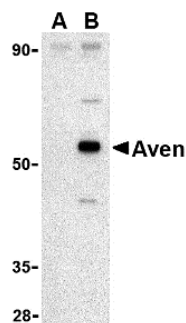
Product Name	Anti-Cell death regulator Aven Aven Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Cell death regulator Aven Aven Antibody (Catalog # A08274-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	Aven Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	Aven 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	Q9NQS1

### Technical Details

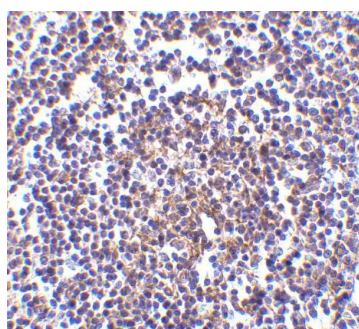
Immunogen	Aven antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human Aven. The immunogen is located within the last 50 amino acids of Aven.
Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	Aven Antibody is affinity 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.

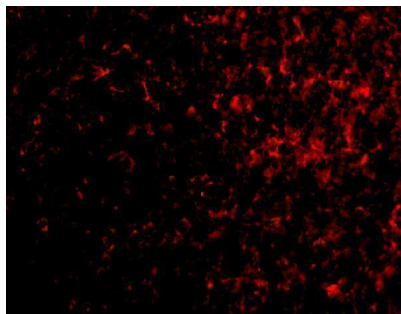
## Anti-Cell death regulator Aven Aven Antibody (A08274-1) Images



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.

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