

**bs-2438R****[ Primary Antibody ]****AVEN Rabbit pAb****Bioss**  
**ANTIBODIES**

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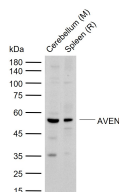
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse, Rat (predicted: Human, Rabbit, Pig, Chicken, Horse)
<b>GeneID:</b> 57099	<b>SWISS:</b> Q9NQS1	<b>Predicted MW.:</b> 38 kDa
<b>Target:</b> AVEN		<b>Subcellular Location:</b> Cell membrane
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human AVEN: 301-362/362.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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.		

**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Cerebellum tissue lysates  
Lane 2: Rat Spleen tissue lysates Primary: Anti-AVEN (bs-2438R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kDa Observed band size: 52 kDa