



## Rabbit Anti-AVEN antibody

SL2438R

<b>Product Name:</b>	AVEN
<b>Chinese Name:</b>	细胞死亡调节蛋白抗体(凋亡、半胱氨酸蛋白酶激活抑制剂)
<b>Alias:</b>	1700013A01Rik; 1700056A21Rik; mAven L; mAven S; MGC124011; Apoptosis caspase activation inhibitor; Cell death regulator Aven; OTTMUSP00000016129; PDCD12; Programmed cell death 12; RP23-52C15.2; AVEN HUMAN
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Pig,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	38kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human AVEN:301-362/362
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</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.

**Function:**

Protects against apoptosis mediated by Apaf-1

**Subunit:**

Binds Apaf-1, BCL-2 and BAD (Bcl-xl)

**Subcellular Location:**

Endomembrane system; Peripheral membrane protein. Note=Associated with intracellular membranes.

**Tissue Specificity:**

Highly expressed in testis, ovary, thymus, prostate, spleen, small intestine, colon, heart, skeletal muscle, liver, kidney and pancreas.

**SWISS:**

Q9NQS1

**Gene ID:**

57099

**Database links:**

[Entrez Gene: 57099](#)Human

[Entrez Gene: 74268](#)Mouse

[Entrez Gene: 311299](#)Rat

[Omim: 605265](#)Human

[SwissProt: Q9NQS1](#)Human

[SwissProt: Q9D9K3](#)Mouse

[Unigene: 555966](#)Human

[Unigene: 315125](#)Mouse

[Unigene: 436657](#)Mouse

[Unigene: 145049](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human,

	therapeutic or diagnostic applications.
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