

Rabbit Anti-AVEN/AP Conjugated antibody

SL2438R-AP

Product Name	Anti-AVEN/AP
Chinese Name	碱性磷酸酶 (AP) 标记的细胞死亡调节蛋白抗体(凋亡、半胱氨酸蛋白酶激活抑制剂)
Alias	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
Research Area	Cell biology Apoptosis
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse,Rat(predicted:Human,Chicken,Pig,Horse,Rabbit) WB=1000-10000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	38kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human AVEN
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: 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.

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.



SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com
