

AVEN Polyclonal Antibody

Catalog No. E-AB-64372

Note: Centrifuge before opening to ensure complete recovery of vial contents.

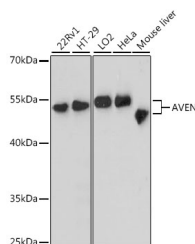
Description

Reactivity	Human,Rat
Immunogen	Recombinant fusion protein of human AVEN (NP_065104.1).
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications Recommended Dilution

WB 1:1000-1:3000

Data



Western blot analysis of extracts of various cell lines using AVEN Polyclonal Antibody at dilution of 1:3000.

Observed Mw:55kDa
Calculated Mw:38kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

AVEN, a cell death regulator, is an important signal inducer in acute leukemia. AVEN is a highly conserved peripheral membrane protein that protects the cell against the proteolytic activation of caspases as well as Apaf-1 mediated apoptosis by interfering with Apaf-1's ability to self-associate. Bcl-2 and Bad also interact with AVEN to prevent apoptosis. AVEN is highly expressed in ovary, heart, thymus, spleen, testis and colon, but can also be detected in other tissues. Erythropoietin and methylprednisolone may play important roles in the expression of AVEN in cardiac tissue, especially after a traumatic brain injury. In young patients suffering from acute lymphoblastic leukemia (ALL), AVEN expression may be a useful tool in prognosis prediction.

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