

## Aven Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00771
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human AVEN. AA range:301-350
<b>Mol wt</b>	38506
<b>Species reactivity</b>	Human, Monkey
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Aven Antibody
<b>Synonyms</b>	AVEN; Cell death regulator Aven

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### 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.

### Recommended Dilution

WB: 1: 500 - 1: 2000

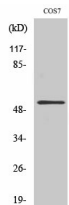
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

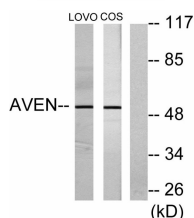
ELISA: 1: 20000

Not yet tested in other applications.

### Images



Western Blot analysis of various cells using Aven Polyclonal Antibody



Western blot analysis of lysates from COS7 and LOVO cells, using AVEN Antibody. The lane on the right is blocked with the synthesized peptide.

## Storage

-20°C for one year

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