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anti-AVEN antibody (AA 301-362) (Biotin)



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| Quantity: | 100 μL |
|----------------------|---|
| Target: | AVEN |
| Binding Specificity: | AA 301-362 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AVEN antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human AVEN | |
|-----------------------|--|--|
| Isotype: | IgG | |
| Predicted Reactivity: | Human, Mouse, Rat, Pig, Horse, Chicken, Rabbit | |
| Purification: | Purified by Protein A. | |

Target Details

| Target: | AVEN |
|-------------------|--|
| Alternative Name: | AVEN (AVEN Products) |
| Background: | Synonyms: 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 |

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.

Gene ID:

57099

Application Details

| Application Notes: | WB 1:300-5000 |
|--------------------|---------------|
| | |

IHC-P 1:200-400 IHC-F 1:100-500

Restrictions:

For Research Use only

Handling

| Format: | Liquid |
|--------------------|--|
| Concentration: | 1 μg/μL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C for 12 months. |
| Expiry Date: | 12 months |