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Datasheet for ABIN884252

anti-AVEN antibody (AA 301-362) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	AVEN
Binding Specificity:	AA 301-362
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AVEN antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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

Target Details

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: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months