

Datasheet for ABIN499369
anti-AVEN antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	AVEN
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AVEN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Aven antibody was raised against a 18 amino acid peptide from near the amino terminus of human Aven.
Isotype:	IgG
Specificity:	This antibody reacts to AVEN.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	AVEN
Alternative Name:	AVEN (AVEN Products)

Target Details

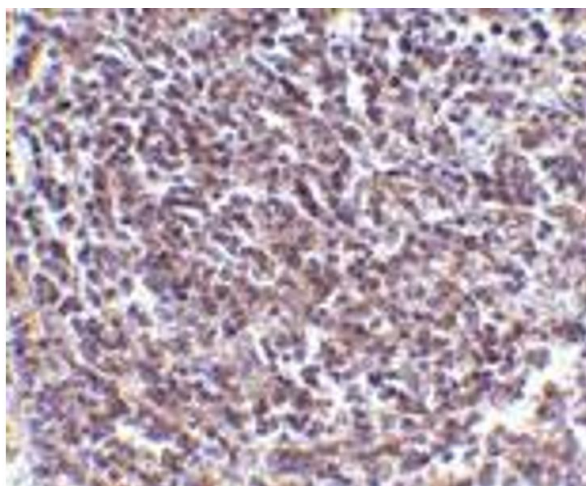
Background:	Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer. Aven is a recently discovered protein that blocks apoptosis induced by Apaf-1 and caspase-9. 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. Despite its predicted molecular weight, Aven often migrates at 55 kDa in SDS-PAGE. Synonyms: Cell death regulator Aven, PDCD12, Programmed cell death 12
Gene ID:	57099
NCBI Accession:	NP_065104
UniProt:	Q9NQS1

Application Details

Application Notes:	ELISA. Western Blot: Aven antibody can be used for detection of Aven at 0.5 to 1 µg/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

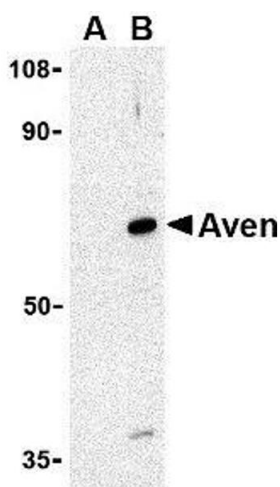
Handling

Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of Aven in human spleen tissue with Aven antibody at 5 µg/ml.



Western Blotting

Image 2. Western blot analysis of Aven in Raji cell lysate with AP30099PU-N Aven antibody at 1 µg/ml in (A) the presence and (B) the absence of blocking peptide.