

Rabbit Aven Polyclonal Antibody | anti-AVEN antibody

Aven Antibody

CATALOG # AAA39463	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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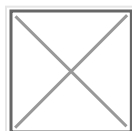
PRODUCT SYNONYMS

Aven; Polyclonal Antibody; Aven Antibody; PDCD12; Cell death regulator Aven; apoptosis; caspase activation inhibitor; anti-AVEN antibody

PRODUCT SPECIFICATIONS

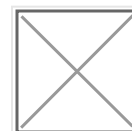
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Aven Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Sequence Length	362
Applicable Applications for anti-AVEN antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	Aven antibody was raised against a 14 amino acid synthetic peptide from near the carboxy terminus of human Aven.
Buffer	Aven Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Aven antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



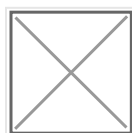
IF (Immunofluorescence)

Immunofluorescence of AVEN in Human Spleen cells with AVEN antibody at 20 &#956;g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of Aven in human spleen tissue with Aven antibody at 5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of Aven in Raji cell lysate with Aven antibody at 1 &#956;g/mL in (A) the presence and (B) the absence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-AVEN antibody	Aven Antibody: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9966841
NCBI GeneID	57099
NCBI Accession #	NP_065104
NCBI GenBank Nucleotide #	NM_020371.2
UniProt Accession #	Q9NQS1
Molecular Weight	38,506 Da
NCBI Official Full Name	cell death regulator Aven
NCBI Official Synonym Full Names	apoptosis, caspase activation inhibitor
NCBI Official Symbol	AVEN
NCBI Official Synonym Symbols	PDCD12
NCBI Protein Information	cell death regulator Aven; programmed cell death 12
UniProt Protein Name	Cell death regulator Aven
UniProt Gene Name	AVEN
UniProt Entry Name	AVEN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/aven-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39463>