Rabbit Aven Polyclonal Antibody | anti-AVEN antibody

Aven Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305699	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot, ELISA**

PRODUCT SYNONYMS

Aven; Polyclonal Antibody; Aven Antibody; Apoptosis caspase activation inhibitor; anti-AVEN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	362
Applicable Applications for anti-AVEN antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 18 amino acid peptide from near the amino terminus of human Aven.
Target Name	Aven
Preparation and Storage	Can be stored at -20 degree C, stable for 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

IHC (Immunohiostchemistry)
Immunohistochemistry of Aven in human spleen tissue with Aven antibody at 5 ug/mL.

WB (Western Blot)
Western blot analysis of Aven in Raji cell lysate with Aven antibody at 1 ug/mL in (A) the presence and (B) the absence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-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.
Product Categories/Family for anti-AVEN antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	9966841
NCBI GeneID	57099
NCBI Accession #	NP_065104
NCBI GenBank Nucleotide #	NM_020371.2
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
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-immunohistochemistry-western-blot-elisa/305699