

For Research Use Only

AVEN Polyclonal antibody

Catalog Number: 25846-1-AP **2 Publications**



Basic Information

Catalog Number: 25846-1-AP	GenBank Accession Number: BC010488	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 650 µg/ml by Nanodrop and 380 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57099	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: apoptosis, caspase activation inhibitor	
Isotype: IgG	Calculated MW: 39 kDa	
Immunogen Catalog Number: AG23020	Observed MW: 50 kDa	

Applications

Tested Applications: WB,ELISA	Positive Controls: WB : MCF-7 cells, K-562 cells
Cited Applications: WB	
Species Specificity: human	
Cited Species: human	

Background Information

AVEN (Apoptosis caspase activation inhibitor) is known to play a role in male and female germ cell development. AVEN protein has also been shown to inhibit the mitochondrial apoptosis pathway by binding to and inhibiting the self-association of proapoptotic APAF-1, as well as binding to and enhancing antiapoptotic BCL-xL activity. AVEN has also recently been shown to function as an activator of the cell cycle-regulating ATM kinase in the DNA damage response pathway. Molecular weight of this protein detected by WB is 50 kDa (PMID: 22751129).

Notable Publications

Author	Pubmed ID	Journal	Application
Guisen Peng	36465351	Front Oncol	WB
Tingrui Ge	35892081	Open Med (Wars)	WB

Storage

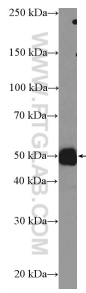
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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W: ptglab.com

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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 25846-1-AP (AVEN Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.