

For Research Use Only

AVEN Polyclonal antibody

Catalog Number: 25846-1-AP

2 Publications



Basic Information

Catalog Number:

25846-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop and 380 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23020

GenBank Accession Number:

BC010488

GeneID (NCBI):

57099

UNIPROT ID:

Q9NQS1

Full Name:

apoptosis, caspase activation inhibitor

Calculated MW:

39 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : MCF-7 cells, K-562 cells

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

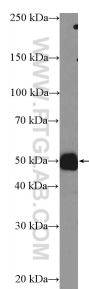
For technical support and original validation data for this product please contact:

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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.