

For Research Use Only

AVEN Polyclonal antibody, PBS Only

Catalog Number: 25846-1-PBS



Basic Information

Catalog Number:

25846-1-PBS

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

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

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).

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

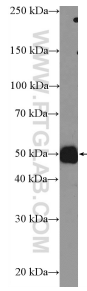
T: 4006900926

E: Proteintech-CN@ptglab.com

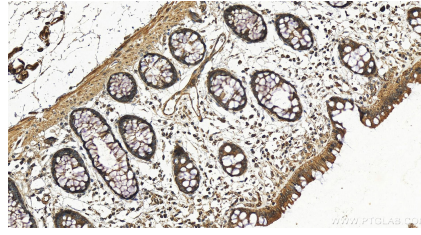
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 25846-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 25846-1-AP (AVEN antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25846-1-PBS in a different storage buffer formulation.