

For Research Use Only

CCAR1 Polyclonal antibody, PBS Only

Catalog Number: 25232-1-PBS

Featured Product



Basic Information

Catalog Number:

25232-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18970

GenBank Accession Number:

BC132725

GeneID (NCBI):

55749

UNIPROT ID:

Q8IX12

Full Name:

cell division cycle and apoptosis regulator 1

Calculated MW:

1150 aa, 133 kDa

Observed MW:

150 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Cell cycle and apoptosis regulator 1 (CCAR1) was originally identified from a functional screening and implicated in retinoid-induced cell cycle arrest and apoptosis. It has been shown that, in breast cancer cells, CCAR1 regulates apoptosis induced by various agents, including chemotherapeutics adriamycin, etoposide, and EGFR inhibitor. It is also involved in mediating anchorage-independent growth of colon carcinoma cells. In addition, CCAR1 plays the role as a co-activator of nuclear receptors to recruit mediator complex. It was found to associate with components of the Mediator and p160 coactivator complexes and is recruited to endogenous NR target genes. CCAR1 is also a binding partner of b-catenin and assists b-catenin in transcriptional activation of Wnt target genes.

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:

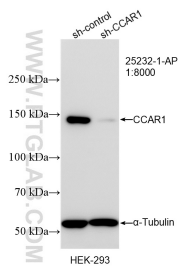
T: 4006900926

E: Proteintech-CN@ptglab.com

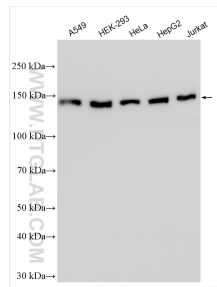
W: ptgcn.com

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

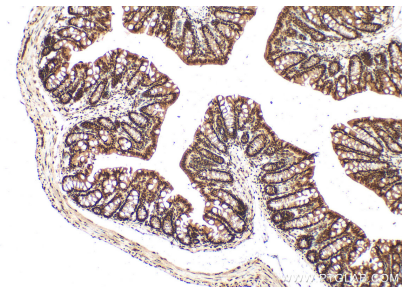
Selected Validation Data



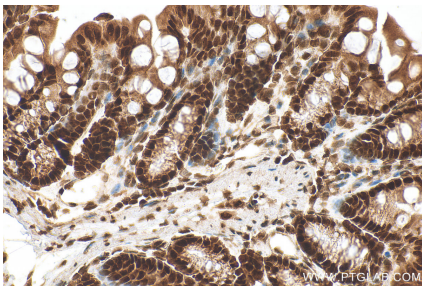
WB result of CCAR1 antibody (25232-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CCAR1 transfected HEK-293 cells. This data was developed using the same antibody clone with 25232-1-PBS in a different storage buffer formulation.



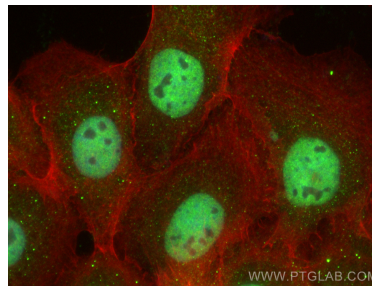
Various lysates were subjected to SDS PAGE followed by western blot with 25232-1-AP (CCAR1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 25232-1-PBS in a different storage buffer formulation.



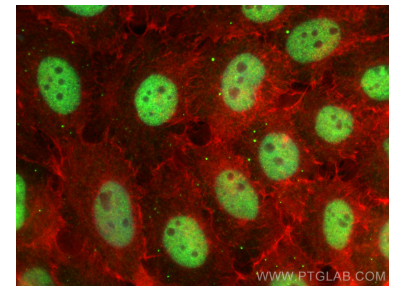
Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 25232-1-AP (CCAR1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25232-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 25232-1-AP (CCAR1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 25232-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CCAR1 antibody (25232-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red). This data was developed using the same antibody clone with 25232-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CCAR1 antibody (25232-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red). This data was developed using the same antibody clone with 25232-1-PBS in a different storage buffer formulation.