

For Research Use Only

NR3C2 Polyclonal antibody, PBS Only

Catalog Number: 21854-1-PBS

Featured Product



Basic Information

Catalog Number:

21854-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16410

GenBank Accession Number:

BC111758

GeneID (NCBI):

4306

UNIPROT ID:

P08235

Full Name:

nuclear receptor subfamily 3, group C, member 2

Calculated MW:

984 aa, 107 kDa

Observed MW:

94-110 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Nuclear receptor subfamily 3 group C member 2 (NR3C2), also known as Mineralocorticoid receptor (MCR or MR), is a member of the steroid/thyroid/retinoic nuclear hormone receptor superfamily that has been shown to activate gene transcription in response to aldosterone binding. Regulation of the mineralocorticoid receptors occurs through either receptor down-regulation (negative autoregulation) or hormone-mediated upregulation (positive autoregulation). MCR association with HSP 90 appears to be required for hormone binding to MCR and subsequent MCR activation.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

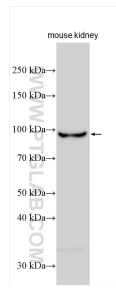
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

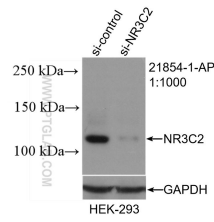
E: proteintech@ptglab.com
W: ptglab.com

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

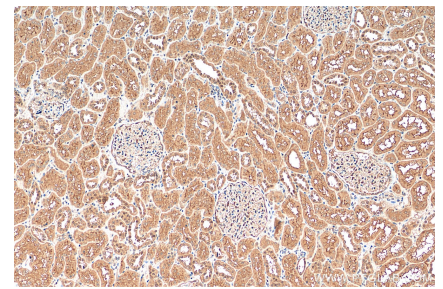
Selected Validation Data



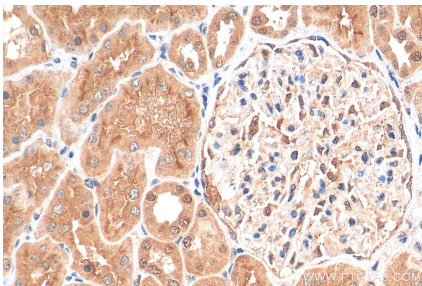
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 21854-1-AP (NR3C2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21854-1-PBS in a different storage buffer formulation.



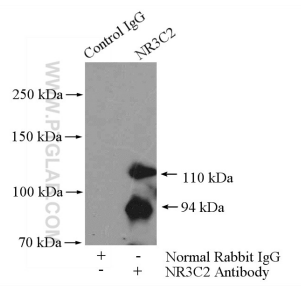
WB result of NR3C2 antibody (21854-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NR3C2 transfected HEK-293 cells. This data was developed using the same antibody clone with 21854-1-PBS in a different storage buffer formulation.



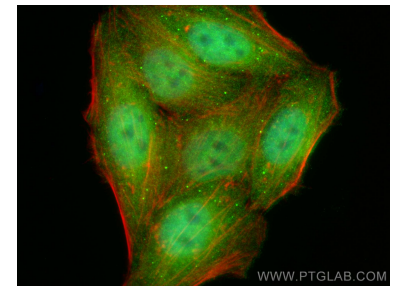
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21854-1-AP (NR3C2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 21854-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 21854-1-AP (NR3C2 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 21854-1-PBS in a different storage buffer formulation.



IP result of anti-NR3C2 (IP:21854-1-AP, 4ug; Detection:21854-1-AP 1:500) with HEK-293 cells lysate 3200ug. This data was developed using the same antibody clone with 21854-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NR3C2 antibody (21854-1-AP) at dilution of 1:400 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 21854-1-PBS in a different storage buffer formulation.