

For Research Use Only

Glucocorticoid receptor Recombinant antibody



Catalog Number: 82619-4-RR

Basic Information

Catalog Number: 82619-4-RR	GenBank Accession Number: BC015610	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 2908	CloneNo.: 2F22
Source: Rabbit	UNIPROT ID: P04150	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: nuclear receptor subfamily 3, group C, member 1 (glucocorticoid receptor)	IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Immunogen Catalog Number: AG21146	Calculated MW: 86 kDa	IHC 1:175-1:700 IF 1:500-1:2000
	Observed MW: 94-97 kDa	

Applications

Tested Applications:
IF/ICC, IHC, IP, WB, ELISA

Species Specificity:
Human, Mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HeLa cells, A549 cells, U-251 cells, DU 145 cells, MCF-7 cells, L-929 cells, RAW 264.7 cells

IP: HepG2 cells,

IHC: human prostate cancer tissue,

IF: HepG2 cells,

Background Information

Glucocorticoid receptor (GR, or GCR) also known as NR3C1 (nuclear receptor subfamily 3, group C, member 1) is a receptor for glucocorticoids, which owns a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE) and as a modulator of other transcription factors. It is involved in cell proliferation and differentiation and specifically implicated in newborn birth weight, thus providing a biological mechanism by which NR3C1 expression may influence birth weight (PMID:22810058).

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

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

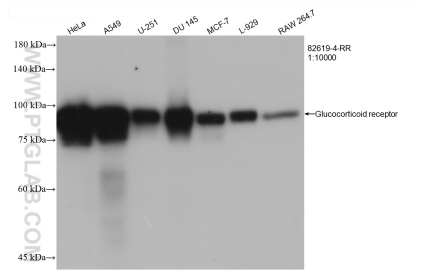
T: 4006900926

E: Proteintech-CN@ptglab.com

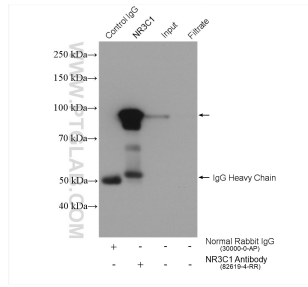
W: ptgcn.com

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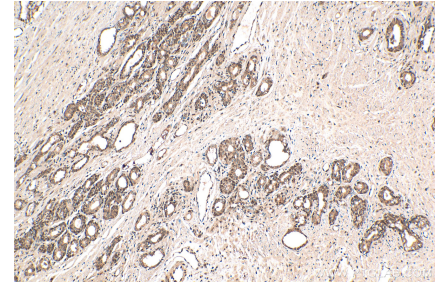
Selected Validation Data



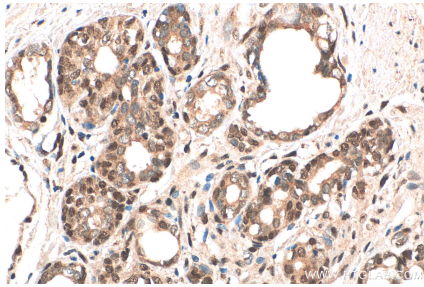
Various lysates were subjected to SDS PAGE followed by western blot with 82619-4-RR (Glucocorticoid receptor antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



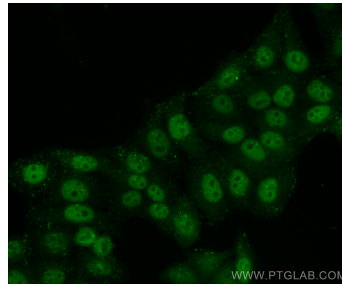
IP result of anti-Glucocorticoid receptor (IP:82619-4-RR, 4ug; Detection:82619-4-RR 1:8000) with HepG2 cells lysate 1920 ug.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 82619-4-RR (Glucocorticoid receptor antibody) at dilution of 1:350 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 82619-4-RR (Glucocorticoid receptor antibody) at dilution of 1:350 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Glucocorticoid receptor antibody (82619-4-RR, Clone: 2F22) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).