

Glucocorticoid Receptor beta Polyclonal Antibody

Product Details	
Size	50 µL
Species Reactivity	Human
Published Species	Pig, Sheep, Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic Peptide: N(728) V M W L K P E S T S H T L I(742) C
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	whole serum diluted in PBS
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2155928

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	17 Publications
Immunohistochemistry (IHC)	-	9 Publications
Immunocytochemistry (ICC/IF)	1:1,500	3 Publications
Flow Cytometry (Flow)	-	3 Publications
Immunoprecipitation (IP)	Assay-dependent	-
Gel Shift (GS)	-	2 Publications

Product Specific Information

PA3-514 detects glucocorticoid receptor (GR) beta from human cells.

PA3-514 has been successfully used in Western blot, immunocytochemistry and immunoprecipitation procedures. By Western blot, this antibody detects a ~90 kDa protein representing GR beta from HeLa cell lysate. Immunocytochemical staining of GR beta in HeLa cells with PA3-514 results in nuclear staining.

PA3-514 immunizing peptide corresponds to amino acid residues 728-742 from human GR beta. This peptide (Cat. # PEP-222) is available for use in neutralization and control experiments.

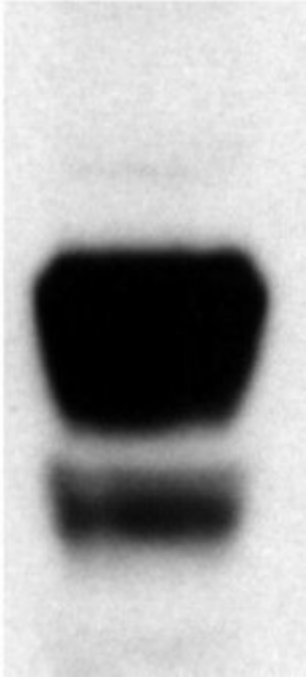
Product Images For Glucocorticoid Receptor beta Polyclonal Antibody

Fig. 1

Glucocorticoid Receptor beta Antibody (PA3-514) in WB

Western blot of hGR beta transfected COS-74 whole cell extract using Product # PA3-514.

97 kDa



68 kDa

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34 References

Western Blot (17)

Journal of inflammation (London, England)

LPS regulates the expression of glucocorticoid receptor and isoforms and induces a selective glucocorticoid resistance in vitro.

"PA3-514 was used in Western Blotting to show that LPS in vitro modulates the expression of glucocorticoid receptor (GR) and GR isoforms in a cell specific manner."

Authors: Molina ML,Guerrero J,Cidlowski JA,Gatica H,Goecke A

Species
Human

Dilution
1:500

Year
2020

Reproductive sciences (Thousand Oaks, Calif.)

Effects of maternal dexamethasone treatment early in pregnancy on glucocorticoid receptors in the ovine placenta.

"PA3-514 was used in immunohistochemistry and western blot to measure the expression of glucocorticoid receptors in pregnant ewes"

Authors: Shang H,Meng W,Sloboda DM,Li S,Ehrlich L,Plagemann A,Dudenhause JW,Henrich W,Newnham JP,Challis JR,Braun T

Species
Sheep

Dilution
1:200

Year
2015

[View more WB references on thermofisher.com](#)

Immunohistochemistry (9)

Scientific reports

Glucocorticoid receptor GR regulates glucocorticoid-induced ocular hypertension in mice.

"PA3-514 was used in Immunohistochemistry to study the in vivo physiological role of GR in regulating GC-OHT and GC-mediated gene expression in the trabecular meshwork."

Authors: Patel GC,Liu Y,Millar JC,Clark AF

Species
Mouse

Dilution
1:50

Year
2018

Reproductive sciences (Thousand Oaks, Calif.)

Effects of maternal dexamethasone treatment early in pregnancy on glucocorticoid receptors in the ovine placenta.

"PA3-514 was used in immunohistochemistry and western blot to measure the expression of glucocorticoid receptors in pregnant ewes"

Authors: Shang H,Meng W,Sloboda DM,Li S,Ehrlich L,Plagemann A,Dudenhause JW,Henrich W,Newnham JP,Challis JR,Braun T

Species
Sheep

Dilution
1:200

Year
2015

[View more IHC references on thermofisher.com](#)

More applications with references on thermofisher.com

ICC/IF (3)

Flow (3)

GS (2)

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