

RXRB Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Bovine, Mouse, Human
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to residues Q(190) K S D Q G V E G P G A T(202) of mouse RXR beta.
Form	Liquid
Storage buffer	whole serum
Contains	0.05% sodium azide
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2182763

Applications	Tested	Dilution	Published
Western Blot (WB)	✓	1:1,000	2 Publications
ChIP assay (ChIP)	-		1 Publication
Immunohistochemistry (IHC)	-		2 Publications
Gel Shift (GS)	✓	Assay dependent	2 Publications
Immunoprecipitation (IP)	✓	Assay dependent	

Product Specific Information

PA1-815 detects retinoid X receptor (RXR) beta from human and mouse cells as well as transfected human and mouse RXR beta.

PA1-815 has been successfully used in Western blot, immunoprecipitation and gel shift procedures. By Western blot, this antibody detects an ~50 kDa protein representing RXR beta from COS cells transfected with the human gene. Gel shift assays reveal supershifting of vitamin D receptor (VDR)/RXR beta/vitamin D receptor response element (VDRE) complexes when PA1-815 is preincubated with RXR beta prior to addition of VDR.

The PA1-815 immunogen is a synthetic peptide corresponding to residues Q(190) K S D Q G V E G P G A T(202) of mouse RXR beta.

Recombinant human VDR (Cat. # RP-710) and human RXR beta (catalog # RP-812) proteins can be purchased separately for control experiments in Western blot, immunoprecipitation and gel shift procedures.

7 References

Western Blot (2)

The Journal of clinical investigation

Thymocyte responsiveness to endogenous glucocorticoids is required for immunological fitness.

"PA1-815 was used in western blot to study the importance of thymocyte responsiveness to endogenous glucocorticoids in immunological fitness"

Authors: Mittelstadt PR, Monteiro JP, Ashwell JD

Species
Mouse

Dilution
Not Cited

Year
2012

Journal of immunology (Baltimore, Md. : 1950)

Retinoid x receptor agonists increase bcl2a1 expression and decrease apoptosis of naive T lymphocytes.

"PA1-815 was used in western blot to identify genes differentially regulated by the RXR agonist AGN194204 during primary antigenic stimulation of naive CD4+ T lymphocytes ."

Authors: Rasooly R, Schuster GU, Gregg JP, Xiao JH, Chandraratna RA, Stephensen CB

Species
Mouse

Dilution
Not Cited

Year
2005

ChIP assay (1)

Journal of molecular endocrinology

Thyroid hormone-mediated negative transcriptional regulation of Necdin expression.

"PA1-815 was used in ChIP assay to investigate the effect of thyroid hormone on Necdin expression"

Authors: Nygård M, Becker N, Demeneix B, Pettersson K, Bondesson M

Species
Mouse

Dilution
Not Cited

Year
2006

Immunohistochemistry (2)

Psychiatry research

The expression of retinoic acid receptor alpha is increased in the granule cells of the dentate gyrus in schizophrenia.

"PA1-815 was used in immunohistochemistry to study the expression of retinoic acid receptor alpha in the granule cells of schizophrenic dentate gyrus"

Authors: Rioux L, Arnold SE

Species
Human

Dilution
Not Cited

Year
2005

More applications with references on thermofisher.com

GS (2)

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