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# **RXRB Polyclonal Antibody**

### **Product Details**

Size	100 μL
Species Reactivity	Human, Mouse
Published Species	Bovine, Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Туре	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
Concentration	Conc. Not Determined
Storage buffer	whole serum
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2182763

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

#### **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.

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## **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	Year 2012 Species Mouse
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 ."	Year 2005 <b>Species</b> Mouse

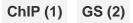
Authors: Rasooly R,Schuster GU,Gregg JP,Xiao JH,Chandraratna RA,Stephensen CB

### Immunohistochemistry (2)

Psychiatry research The expression of retinoic acid receptor alpha is increased in the granule cells of the dentate gyrus in schizophrenia.	Year 2005 Species
"PA1-815 was used in immunohistochemistry to study the expression of retinoic acid receptor alpha in the granule cells of schizophrenic dentate gyrus"	Human
Authors: Rioux L,Arnold SE	

Biology of reproduction	
Expression patterns of retinoid X receptors, retinaldehyde	2002
dehydrogenase, and peroxisome proliferator activated receptor gamma	Species
in bovine preattachment embryos.	Bovine
"PA1-815 was used in immunohistochemistry to profile retinoid X receptors, retinaldehyde dehydrogenase, and peroxisome proliferator activated receptor gamma in bovine preattachment embryos"	Dilution 1:500
Authors: Mohan M,Malayer JR,Geisert RD,Morgan GL	

## More applications with references on thermofisher.com



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