

# RXRB Polyclonal Antibody

## Product Details

Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Bovine, Mouse, Human
Host/Isotype	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
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.

Western Blot (2)

<p>The Journal of clinical investigation</p> <p><b>Thymocyte responsiveness to endogenous glucocorticoids is required for immunological fitness.</b></p> <p>"PA1-815 was used in western blot to study the importance of thymocyte responsiveness to endogenous glucocorticoids in immunological fitness"</p> <p>Authors: Mittelstadt PR,Monteiro JP,Ashwell JD</p>	<p>Year 2012</p> <p>Species Mouse</p>
<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p><b>Retinoid x receptor agonists increase bcl2a1 expression and decrease apoptosis of naive T lymphocytes.</b></p> <p>"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 ."</p> <p>Authors: Rasooly R,Schuster GU,Gregg JP,Xiao JH,Chandraratna RA,Stephensen CB</p>	<p>Year 2005</p> <p>Species Mouse</p>

Immunohistochemistry (2)

<p>Psychiatry research</p> <p><b>The expression of retinoic acid receptor alpha is increased in the granule cells of the dentate gyrus in schizophrenia.</b></p> <p>"PA1-815 was used in immunohistochemistry to study the expression of retinoic acid receptor alpha in the granule cells of schizophrenic dentate gyrus"</p> <p>Authors: Rioux L,Arnold SE</p>	<p>Year 2005</p> <p>Species Human</p>
<p>Biology of reproduction</p> <p><b>Expression patterns of retinoid X receptors, retinaldehyde dehydrogenase, and peroxisome proliferator activated receptor gamma in bovine preattachment embryos.</b></p> <p>"PA1-815 was used in immunohistochemistry to profile retinoid X receptors, retinaldehyde dehydrogenase, and peroxisome proliferator activated receptor gamma in bovine preattachment embryos"</p> <p>Authors: Mohan M,Malayer JR,Geisert RD,Morgan GL</p>	<p>Year 2002</p> <p>Species Bovine</p> <p>Dilution 1:500</p>

More applications with references on thermofisher.com

- ChIP (1)
- GS (2)

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