Datasheet for ABIN2774660

anti-Retinoid X Receptor beta antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	Retinoid X Receptor beta (RXRB)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoid X Receptor beta antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RXRB
Sequence:	GDSGRDSRSP DSSSPNPLPQ GVPPPSPPGP PLPPSTAPSL GGSGAPPPPP
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Human, Mouse (Murine), Pig (Porcine), Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against RXRB. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Retinoid X Receptor beta (RXRB)

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Target Details

Alternative Name:	RXR-beta / RXRB (RXRB Products)
Background:	RXRB is a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the effects of retinoic acid (RA). This receptor forms homodimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the effects of retinoic acid (RA). This receptor forms homodimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. The gene lies within the major histocompatibility complex (MHC) class II region on chromosome 6. An alternatively spliced transcript variant has been described, but its full length sequence has not been determined. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the effects of retinoic acid (RA). This receptor forms homodimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. The gene lies within the major histocompatibility complex (MHC) class II region on chromosome 6. An alternatively spliced transcript variant has been described, but its full length sequence has not been determined. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: DAUDI6, H-2RIIBP, MGC1831, NR2B2, RCoR-1 Protein Interaction Partner: NR1H3, RARB, UBC, PTMS, CACNA1B, SPOP, RARA, ZDHHC12, VDR, GRIP1, SRA1, MED1, Cebpb, SUMO2, NR1I2, NR1H2, NR2C2, THRB, SRC, RARG, PPARG, PPARD, NR4A2, MAP4, GTF2H1, NR3C1, TAF11, THRA, TACC2, AKAP13, NR0B2, NR2E3, NCOA1, NRIP1, NCOA3, RXRB, Protein Size: 533
Molecular Weight:	57 kDa
Gene ID:	6257
NCBI Accession:	NM_021976, NP_068811
UniProt:	P28702
Pathways:	Nuclear Receptor Transcription Pathway, Retinoic Acid Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway

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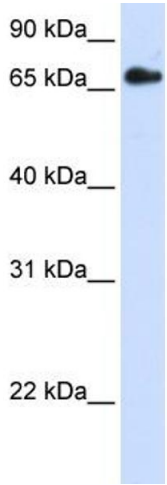
Application Details

Application Notes:	WB Suggested Anti-RXRB Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:312500 Positive Control: Transfected 293T. Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 533 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

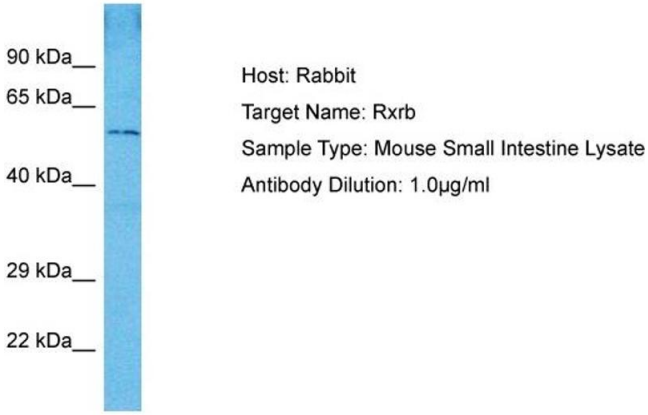
Images



Western Blotting

Image 1. WB Suggested Anti-RXRB Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Transfected 293T RXRB is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells

Images



Western Blotting

Image 2. Host: Mouse Target Name: RXRB Sample Tissue: Mouse Small Intestine Antibody Dilution: 1ug/ml