

## **Product datasheet for TA338002**

## OriGene Technologies, Inc.

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## Retinoid X Receptor beta (RXRB) Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-RXRB antibody: synthetic peptide directed towards the N terminal of

human RXRB. Synthetic peptide located within the following region: PGFSGPVSSPQINSTVSLPGGGSGPPEDVKPPVLGVRGLHCPPPPGGPGA

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Purification:** Affinity Purified

**Conjugation:** Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 57 kDa

**Gene Name:** retinoid X receptor beta

Database Link: NP 068811

Entrez Gene 6257 Human

P28702

### Retinoid X Receptor beta (RXRB) Rabbit Polyclonal Antibody - TA338002

**Background:** 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). The encoded protein 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 lies within the major histocompatibility complex (MHC) class II region on chromosome 6. Alternatively spliced transcript variants encoding multiple isoforms have been observed for

this gene. [provided by RefSeq, Jul 2012]

Synonyms: DAUDI6; H-2RIIBP; NR2B2; RCoR-1

**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

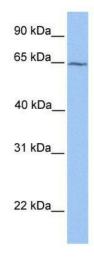
100%; Mouse: 100%; Bovine: 100%; Rabbit: 93%; Guinea pig: 79%

**Protein Families:** Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways: Adipocytokine signaling pathway, Non-small cell lung cancer, Pathways in cancer, PPAR

signaling pathway, Small cell lung cancer, Thyroid cancer

# **Product images:**



WB Suggested Anti-RXRB Antibody Titration: 0.2-1 ug/ml; Positive Control: Jurkat cell lysate. RXRB is strongly supported by BioGPS gene expression data to be expressed in Human Jurkat cells