

**Goat Anti-RXR beta Antibody**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF1948a****Specification**

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**Goat Anti-RXR beta Antibody - Product Information**

Application	WB, E
Primary Accession	<a href="#">P28702</a>
Other Accession	<a href="#">NP_068811</a> , <a href="#">6257</a>
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	56922

**Goat Anti-RXR beta Antibody - Additional Information****Gene ID** 6257**Other Names**

Retinoic acid receptor RXR-beta, Nuclear receptor subfamily 2 group B member 2, Retinoid X receptor beta, RXRB, NR2B2

**Dilution**

WB~~1:1000

E~~N/A

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-RXR beta Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-RXR beta Antibody - Protein Information****Name** RXRB**Synonyms** NR2B2

**Function**

Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RAR/RXR heterodimers bind to the retinoic acid response elements (RARE).

**Cellular Location**

Nucleus. Cytoplasm

**Tissue Location**

Expressed in aortic endothelial cells (at protein level) (PubMed:28167758). Expressed in monocytes (PubMed:26463675) Expressed in a variety of tumor cell lines

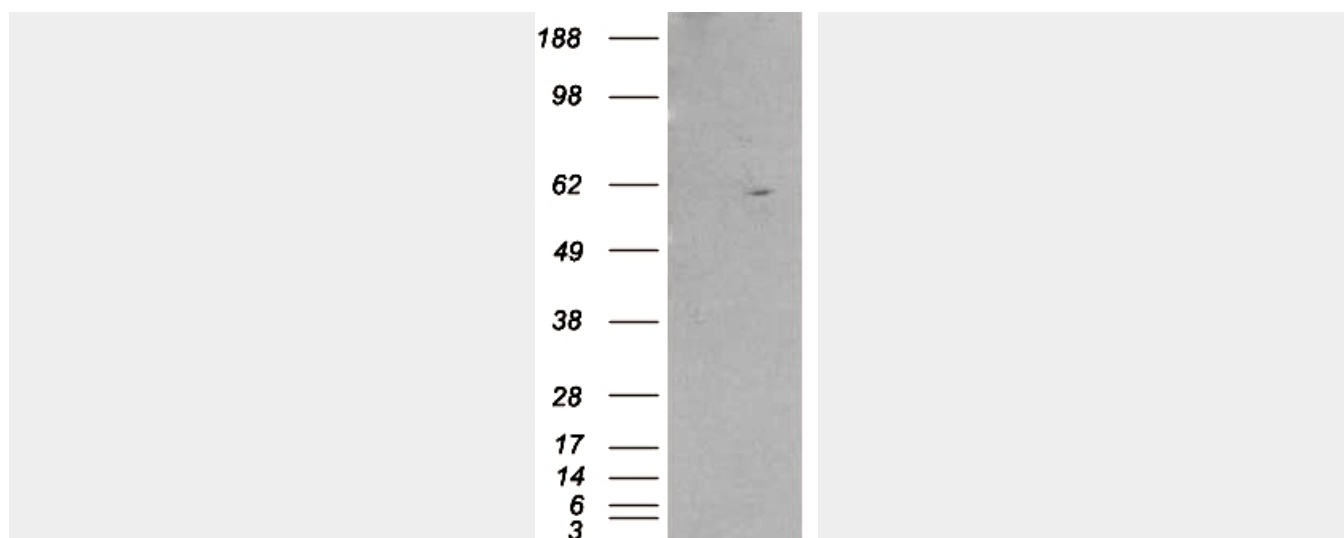
**Goat Anti-RXR beta Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Goat Anti-RXR beta Antibody - Images**

AF1948a staining (1 µg/ml) of A431 lysate (RIPA buffer, 35 µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



HEK293 overexpressing RXRB (RC200516) and probed with AF1948a (mock transfection in first lane), tested by Origene.

### **Goat Anti-RXR beta Antibody - 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). 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.

### **Goat Anti-RXR beta Antibody - References**

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.

Examination of genetic polymorphisms in newborns for signatures of sex-specific prenatal selection. Ucisik-Akkaya E, et al. Mol Hum Reprod, 2010 Oct. PMID 20587610.

Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.

Genetic determinants of serum lipid levels in Chinese subjects: a population-based study in Shanghai, China. Andreotti G, et al. Eur J Epidemiol, 2009. PMID 19888660.

High-density SNP screening of the major histocompatibility complex in systemic lupus erythematosus demonstrates strong evidence for independent susceptibility regions. Barcellos LF, et al. PLoS Genet, 2009 Oct. PMID 19851445.