

**Anti-Retinoid X Receptor,  $\gamma$ -Isotype Antibody**

Our Anti-Retinoid X Receptor,  $\gamma$ -Isotype primary antibody from PhosphoSolutions is mouse monoclonal.

Catalog # AN1542

**Specification**

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**Anti-Retinoid X Receptor,  $\gamma$ -Isotype Antibody - Product Information**

Primary Accession	<a href="#">P48443</a>
Host	<b>Mouse</b>
Clonality	<b>Monoclonal</b>
Isotype	<b>IgG1</b>
Calculated MW	<b>50871</b>

**Anti-Retinoid X Receptor,  $\gamma$ -Isotype Antibody - Additional Information**

Gene ID **6258**

**Other Names**

MGC109416 antibody, NR2B3 antibody, Nuclear receptor subfamily 2 group B member 3 antibody, OTTHUMP00000060418 antibody, Retanoic X receptor gamma antibody, Retinoic acid receptor RXR gamma antibody, Retinoic acid receptor RXR-gamma antibody, Retinoid X receptor gamma antibody, RXR G antibody, RXR gamma antibody, RXRC antibody, Rxrg antibody, RXRG\_HUMAN antibody, RXRgamma antibody

**Target/Specificity**

Retinoic acid (RA; active metabolite of vitamin A) plays a prominent role in regulating the transition of proliferating precursor cells (such as carcinoma cells and neuronal precursors) to postmitotic differentiated cells (Joshi et al., 2005). The Retinoid X Receptors (RXRs) family (RXR $\alpha$ ,  $\beta$  and  $\gamma$ ) preferentially bind 9-cis-RA and regulate gene transcription by forming heterodimers with a second family of RA receptors. RAs have been suggested to potentially play a therapeutic role in cervical cancer (Abu et al., 2005). RAs are known to play key roles in neuronal development and an increasing body of evidence indicates that retinoid signaling may regulate synaptic plasticity and associated learning and memory behaviors (Lane and Bailey, 2005).

**Format**

Protein G Purified

**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**

Anti-Retinoid X Receptor,  $\gamma$ -Isotype Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Shipping**

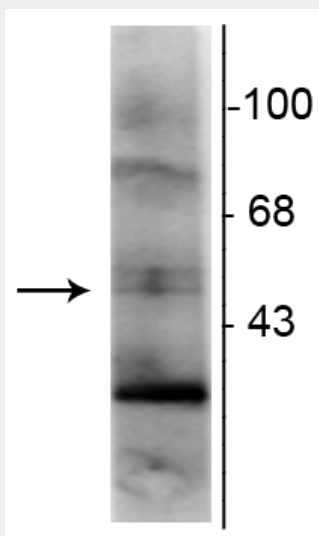
Blue Ice

**Anti-Retinoid X Receptor,  $\gamma$ -Isotype 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](#)

#### **Anti-Retinoid X Receptor, $\gamma$ -Isotype Antibody - Images**



Western blot of rat hippocampal lysate showing specific immunolabeling of the ~48 kDa RXR- $\gamma$  isotype.

#### **Anti-Retinoid X Receptor, $\gamma$ -Isotype Antibody - Background**

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