

# RARG antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI10671

## Product Information

---

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">P13631</a>
<b>Other Accession</b>	<a href="#">NM_000966</a> , <a href="#">NP_000957</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Dog, Horse, Bovine, Sheep
<b>Predicted</b>	Human, Mouse, Rat, Pig, Dog, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	50342

## Additional Information

---

<b>Gene ID</b>	5916
<b>Alias Symbol</b>	NR1B3, RARC
<b>Other Names</b>	Retinoic acid receptor gamma, RAR-gamma, Nuclear receptor subfamily 1 group B member 3, RARG, NR1B3
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-RARG antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	RARG antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

---

<b>Name</b>	RARG
<b>Synonyms</b>	NR1B3
<b>Function</b>	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) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. In the absence of ligand, acts mainly as an activator of gene expression due to weak binding to corepressors. Required for limb bud development. In concert with RARA or RARB, required for skeletal growth, matrix homeostasis and growth plate

function (By similarity).

**Cellular Location**

Nucleus. Cytoplasm

**Tissue Location**

Expressed in aortic endothelial cells (at protein level).

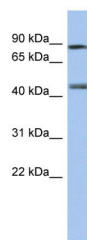
## References

---

Dey,N., (2007) Mol. Cell. Biol. 27 (11), 4179-4197 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

## Images

---



WB Suggested Anti-RARG Antibody Titration: 0.2-1 µg/ml  
ELISA Titer: 1:312500  
Positive Control: Human brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.