

**RARB Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP20353c****Specification**

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**RARB Blocking Peptide (Center) - Product Information**

Primary Accession [P10826](#)  
Other Accession [P22605](#)

**RARB Blocking Peptide (Center) - Additional Information**

**Gene ID** 5915

**Other Names**

Retinoic acid receptor beta, RAR-beta, HBV-activated protein, Nuclear receptor subfamily 1 group B member 2, RAR-epsilon, RARB, HAP, NR1B2

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**RARB Blocking Peptide (Center) - Protein Information**

**Name** RARB

**Synonyms** HAP, NR1B2

**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 RXR/RAR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. In the absence or presence of hormone ligand, acts mainly as an activator of gene expression due to weak binding to corepressors (PubMed:<a href="http://www.uniprot.org/citations/12554770" target="\_blank">12554770</a>). The RXRA/RARB heterodimer can act as a repressor on the DR1 element and as an activator on the DR5 element (PubMed:<a href="http://www.uniprot.org/citations/29021580" target="\_blank">29021580</a>). In concert with RARG, required for skeletal growth, matrix homeostasis and growth plate function (By similarity).

**Cellular Location**

Nucleus. Cytoplasm [Isoform Beta-2]: Nucleus.

**Tissue Location**

Expressed in aortic endothelial cells (at protein level).

**RARB Blocking Peptide (Center) - Protocols**

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

- [Blocking Peptides](#)

**RARB Blocking Peptide (Center) - Images****RARB Blocking Peptide (Center) - Background**

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