

**Retinoic Acid Receptor beta Rabbit mAb**  
**Catalog # AP76020****Specification**

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**Retinoic Acid Receptor beta Rabbit mAb - Product Information**

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	<a href="#">P10826</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	50489

**Retinoic Acid Receptor beta Rabbit mAb - Additional Information****Gene ID** 5915**Other Names**  
RARβ**Dilution**  
WB~~1/500-1/1000  
IHC-P~~N/A  
IHC-F~~N/A  
ICC~~N/A**Format**  
Liquid**Retinoic Acid Receptor beta Rabbit mAb - Protein Information****Name** RARβ**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/RARβ 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).

**Retinoic Acid Receptor beta Rabbit mAb - 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](#)

**Retinoic Acid Receptor beta Rabbit mAb - Images**