

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

Retinoic Acid Receptor beta Rabbit mAb - Product Information

Application	WB, IHC-P, IHC-F, ICC
Primary Accession	P10826
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:12554770). The RXRA/RARβ heterodimer can act as a repressor on the DR1 element and as an activator on the DR5 element (PubMed:29021580). 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