

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
Reactivity
Human
Host
Rabbit

Clonality Monoclonal Antibody

Calculated MW 50489

Retinoic Acid Receptor beta Rabbit mAb - Additional Information

Gene ID 5915

Other Names

RARB

Dilution

WB~~1/500-1/1000

IHC-P~~N/A IHC-F~~N/A

ICC~~N/A

Format

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Retinoic Acid Receptor beta Rabbit mAb - 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="http://www.uniprot.org/citations/12554770" target="http:

target="_blank">12554770). The RXRA/RARB 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
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Retinoic Acid Receptor beta Rabbit mAb - Images

