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# RAR beta Antibody
**Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP51466**

## Specification

### RAR beta Antibody - Product Information

| | |
|---|---|
| Application | **WB, IP, IHC-P, E** |
| Primary Accession | P10826 |
| Reactivity | **Human, Mouse, Rat** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Calculated MW | **50 KDa** |

### RAR beta Antibody - 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

**Dilution**
WB~~1:1000
IP~~N/A
IHC-P~~N/A
E~~N/A

**Format**
0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**
Store at -20 °C.Stable for 12 months from date of receipt

### RAR beta Antibody - 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).

## RAR beta Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## RAR beta Antibody - Images

## RAR beta Antibody - Background

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## RAR beta Antibody - References

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