

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

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: <http://www.uniprot.org/citations/12554770> 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: <http://www.uniprot.org/citations/29021580> target="_blank">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).

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 Cytometry](#)
- [Cell Culture](#)

RAR beta Antibody - Images**RAR beta Antibody - Background**

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RAR beta Antibody - References

Benbrook D., et al. Nature 333:669-672(1988).
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Sommer K.M., et al. Proc. Natl. Acad. Sci. U.S.A. 96:8651-8656(1999).
Shen S., et al. DNA Seq. 2:111-119(1991).
Houle B., et al. Cancer Res. 54:365-369(1994).